

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Three Rivers Fed 33-34-720				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT THREE RIVERS				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR ULTRA RESOURCES INC						7. OPERATOR PHONE 303 645-9810				
8. ADDRESS OF OPERATOR 304 Inverness Way South #245, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU85592			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') George Eugene & Sandra Winder Trustees ETAL						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 12449 S. Iron Sight Way, Herriman, UT 84096						16. SURFACE OWNER E-MAIL (if box 12 = 'fee') gewndr@gmail.com				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		219 FNL 1840 FEL		NWNE	4	8.0 S	20.0 E	S		
Top of Uppermost Producing Zone		660 FSL 1980 FEL		SWSE	33	7.0 S	20.0 E	S		
At Total Depth		660 FSL 1980 FEL		SWSE	33	7.0 S	20.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 219			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40			26. PROPOSED DEPTH MD: 7139 TVD: 7019				
27. ELEVATION - GROUND LEVEL 4769			28. BOND NUMBER UTB000593			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-10988				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 1033	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 7139	17.0	J-55 LT&C	10.0	Halliburton Light , Type Unknown	175	3.78	10.5
							Premium Lite High Strength	275	2.31	12.0
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton					TITLE Permitting Agent			PHONE 435 719-2018		
SIGNATURE					DATE 01/21/2014			EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43047542550000					APPROVAL  Permit Manager					

**ULTRA RESOURCES, INC.**

**MASTER**  
**8 - POINT DRILLING PROGRAM**

**Slim Hole Design**  
**8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 01-21-14**

**Directional Wells located on Ultra leases in  
Three Rivers Project:**

**Three Rivers Fed 33-34-720**

**SHL: Sec 4 Lot 2 (NWNE) T8S R20E**

**Uintah, Utah**

**ONSHORE OIL & GAS ORDER NO. 1**  
**Approval of Operations on Onshore**  
**Federal and Indian Oil and Gas Leases**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**RECEIVED:** March 04, 2014

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,503' MD / 1,500' TVD	
Garden Gulch	5,054' MD / 4,934' TVD	Oil & Associated Gas
Lower Green River*	5,224' MD / 5,104' TVD	Oil & Associated Gas
Wasatch	6,939' MD / 6,819' TVD	Oil & Associated Gas
TD	7,139' MD / 7,019' TVD	

**Asterisks (\*) denotes target pay intervals**

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - 2) Choke Manifold:
  - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 4) Two adjustable chokes will be used in the choke manifold.
  - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 1,033 MD / 1, 033' TVD

1,033 MD / 1, 033' TVD – 7,139' MD / 7,019' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head

3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program****CASING:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Surface</b>	12 1/4"	8 5/8"	1,033 MD / 1, 033' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	7,139' MD / 7,019' TVD	17.0 ppf	J-55, LTC	New

**CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

**FLOAT EQUIPMENT:**

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to 500' into surface casing**4. Cementing Programs**

CONDUCTOR (13 3/8"):

Ready Mix – Cement to surface

SURFACE (8 5/8")

Cement Top - Surface

Surface – 500'

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,033 MD / 1, 033' TVD±

Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2")**

Cement Top – 500'

500' - 3,500'±

Lead: 175 sks – ECONOCЕМ Cement w/ additives, 10.5 ppg, 3,78 cf/sx, 20% excess

3,500' – 7,139' MD / 7,019' TVD

Tail: 275 sks, Lightweight Premium Cement w/ additives, 12.0 ppg, 2.31 cf/sk, 20% excess

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
  - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
  - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
  - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
  - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
  - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
  - 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

**5. Mud Program**

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,033 MD / 1, 033' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,033 MD / 1, 033' TVD - 7,139' MD / 7,019' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

**6. Evaluation Program - Testing, Logging, and Coring**

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

**7. Anticipated Pressures and H.S.**

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

**8. Other Information and Notification Requirements**

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for **Utah Division of Oil, Gas and Mining**:

- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
- *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
- *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
- *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*

C) Notification Requirements BLM Vernal *when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm ut vn opreport@blm.gov:*

- *Within 24 hrs. of spud (Carol Daniels at 801/538-5284)*
- *24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)*
- *24 hrs. prior to cementing or testing casing (Dan Jarvis)*
- *Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)*

D) Any changes in the program must be approved by the **Utah Division of Oil, Gas and Mining** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

- Operator's name, address, and telephone number.
- Well name and number.
- Well location (1/4 1/4, Section, Township, Range and P.M.)
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

T8S, R20E, S.L.B.&amp;M.

ULTRA RESOURCES, INC.

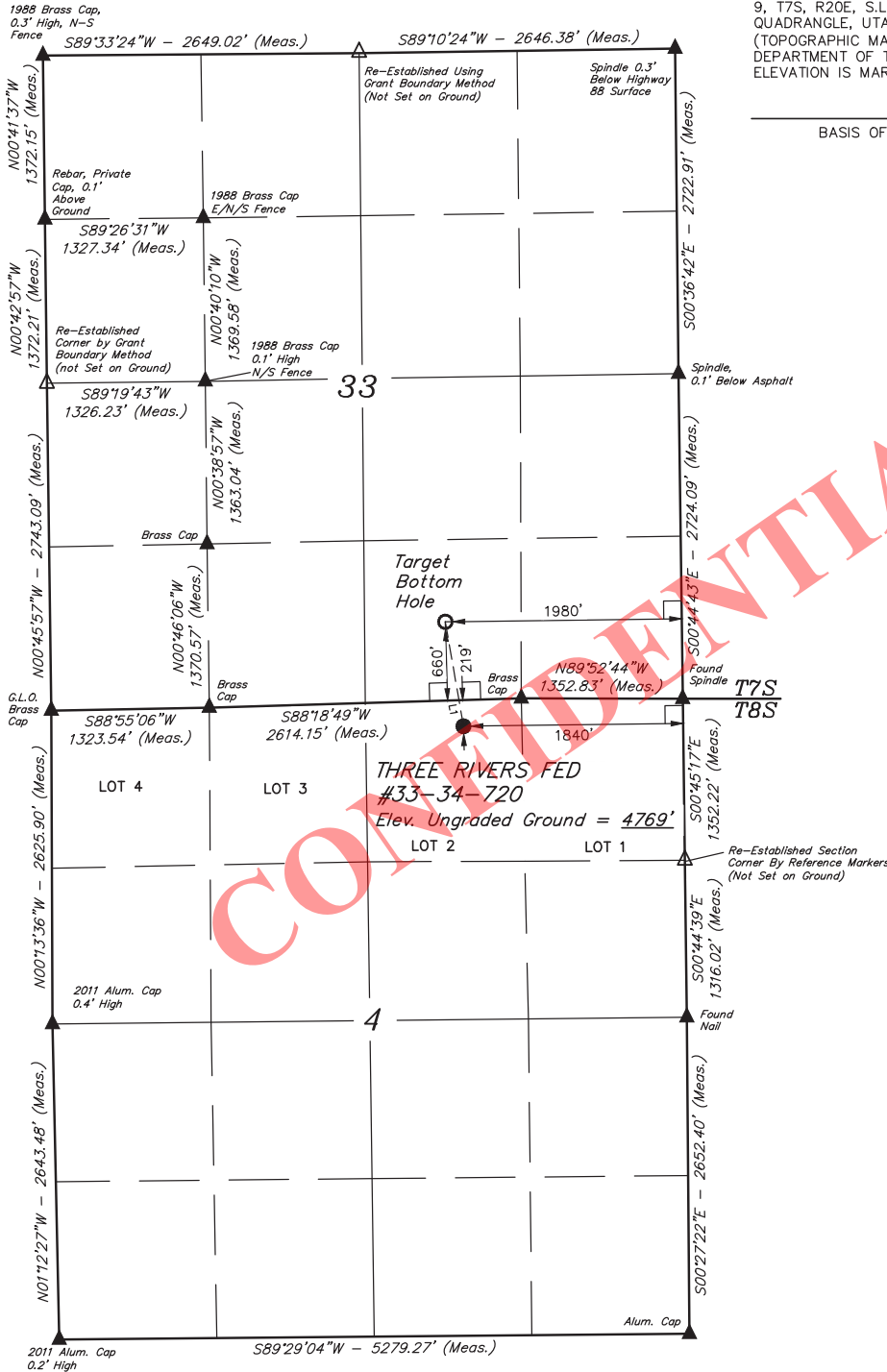
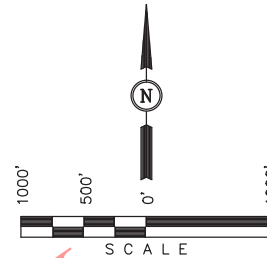
Well location, THREE RIVERS FED  
#33-34-720, located as shown in LOT 2 of  
Section 4, T8S, R20E, S.L.B.&M.,  
Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION  
9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE,  
QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD  
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID  
ELEVATION IS MARKED AS BEING 4942 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N09°51'00\"W	887.79'

## LEGEND:

- └ = 90° SYMBOL  
● = PROPOSED WELL HEAD.  
▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS  
RE-ESTABLISHED.  
(Not Set on Ground.)

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°09'38.96\" (40.160822)	LATITUDE = 40°09'30.27\" (40.158408)
LONGITUDE = 109°40'17.06\" (109.671406)	LONGITUDE = 109°40'15.06\" (109.670850)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°09'39.09\" (40.160858)	LATITUDE = 40°09'30.41\" (40.158447)
LONGITUDE = 109°40'14.56\" (109.670711)	LONGITUDE = 109°40'12.56\" (109.670156)

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE REPRESENTED LAND WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

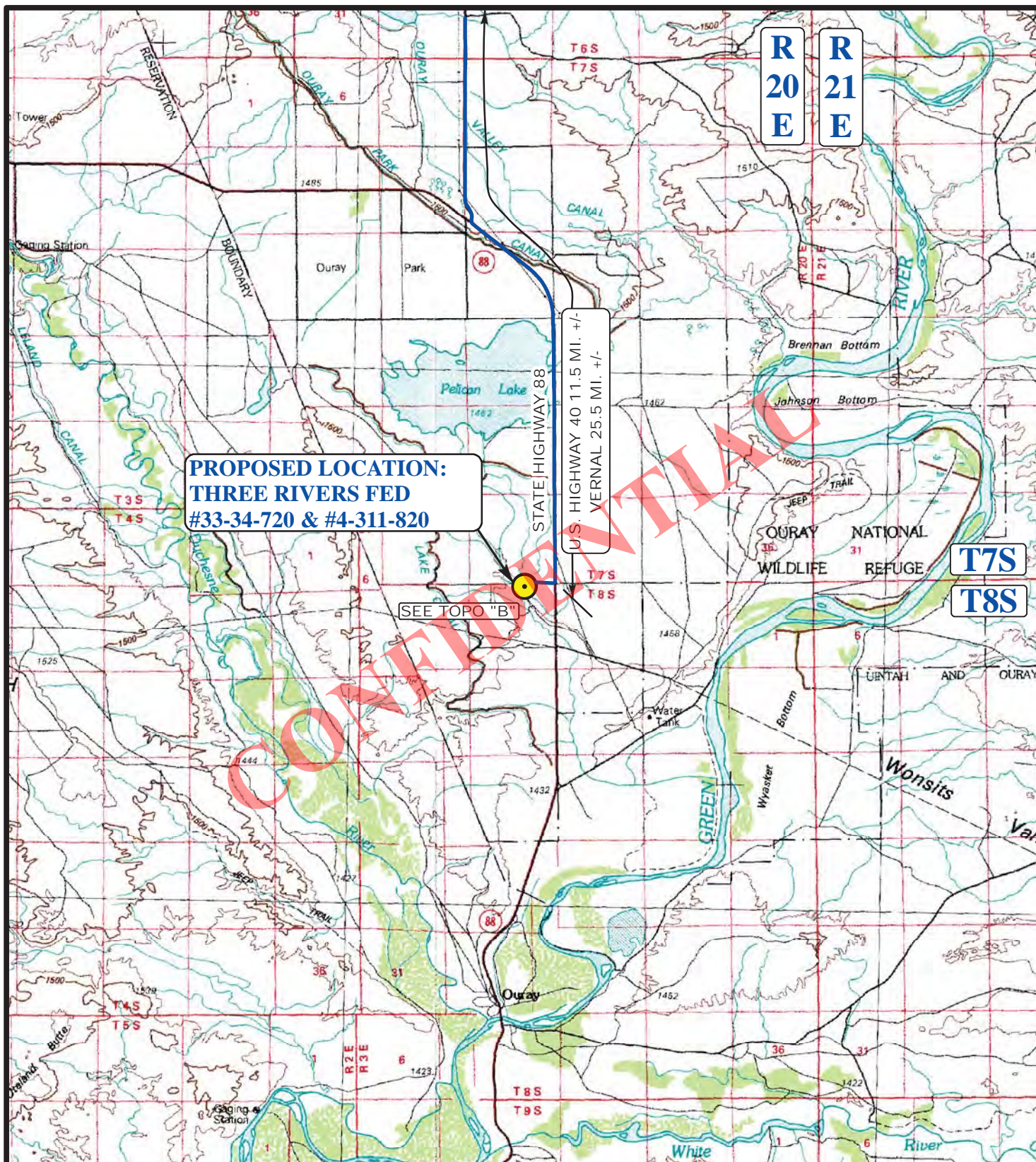
REV: 01-09-14 S.S.  
REV: 12-16-13 J.J.

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-26-13	DATE DRAWN: 10-17-13
PARTY T.A. J.L. S.S.	REFERENCES G.L.O. PLAT	FILE
WEATHER WARM	ULTRA RESOURCES, INC.	

RECEIVED: January 21, 2014





**LEGEND:**

 **PROPOSED LOCATION**



**ULTRA RESOURCES, INC.**

**THREE RIVERS FED** #33-34-720 & #4-311-820  
**SECTION 4, T8S, R20E, S.L.B.&M.**  
**LOT 2**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
 MAP**

**10 02 13**  
 MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: L.S. REV: 01-10-14 J.M.C.

**RECEIVED:** January 21, 2014

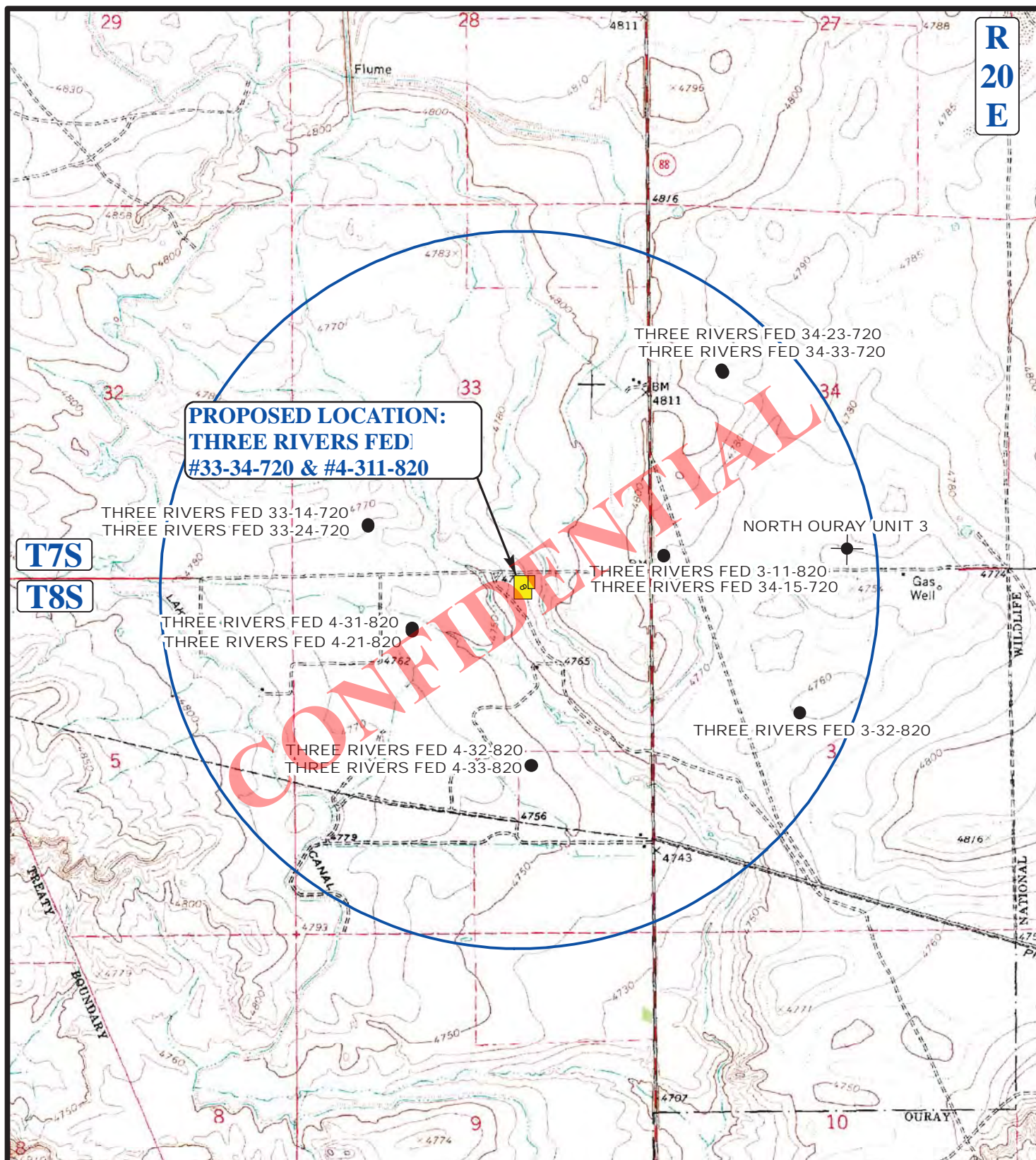


**UES** **Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
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<b>ACCESS ROAD MAP</b>		<b>10</b> MONTH	<b>02</b> DAY	<b>13</b> YEAR	<b>B</b> <b>TOPO</b>
SCALE: 1"= 2000'	DRAWN BY: L.S.	REV: 01-10-14 J.M.C.			



**LEGEND:**

- Ø DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #33-34-720 & #4-311-820**  
**SECTION 4, T8S, R20E, S.L.B.&M.**  
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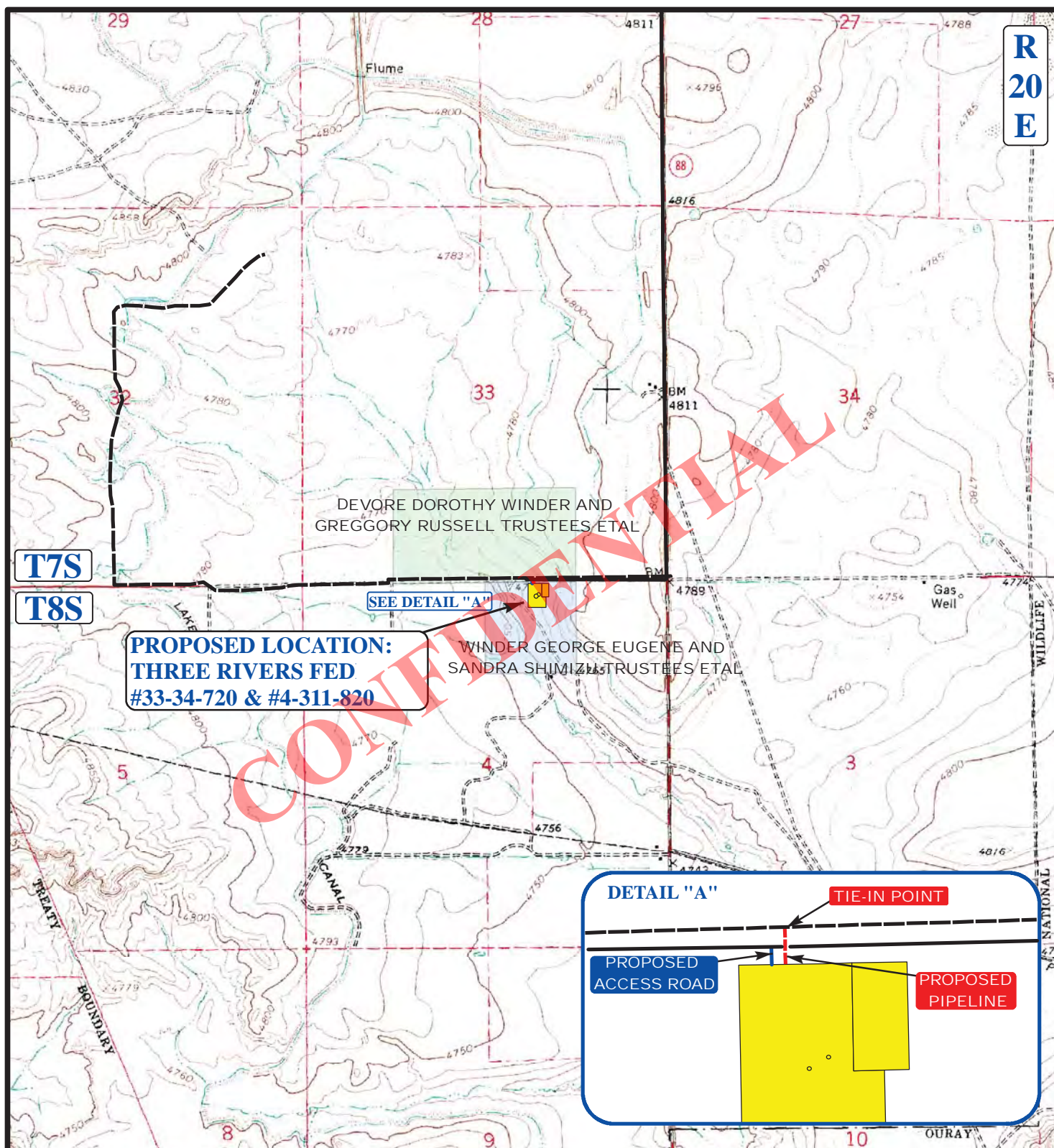
**TOPOGRAPHIC  
MAP**

**10 02 13**  
 MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.







**APPROXIMATE TOTAL PIPELINE DISTANCE = 37' +/-**

**LEGEND:**

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



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**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #33-34-720 & #4-311-820**  
**SECTION 4, T8S, R20E, S.L.B.&M.**  
**LOT 2**

**TOPOGRAPHIC  
MAP**

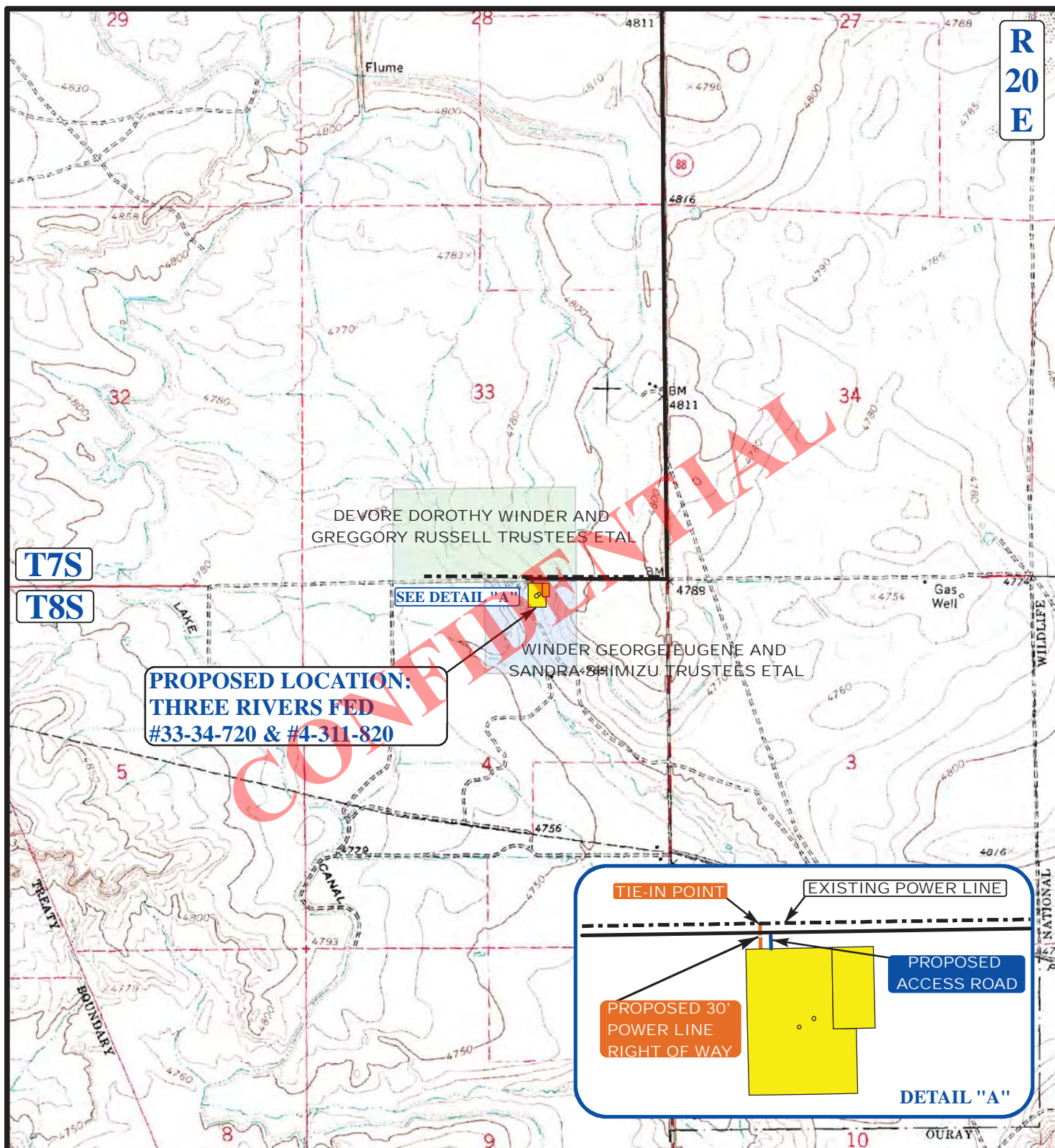
**10 02 13**  
MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.



**RECEIVED:** January 21, 2014





APPROXIMATE TOTAL POWER LINE DISTANCE 57' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED POWER LINE
- - - - - EXISTING POWER LINE



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**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #33-34-720 & #4-311-820**  
**SECTION 4, T8S, R20E, S.L.B.&M.**  
**LOT 2**

**TOPOGRAPHIC  
MAP**

**10 02 13**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.S. REV: 01-10-14 J.M.C.



RECEIVED: January 21, 2014





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4  
 Field: UINTAH COUNTY Well: Three Rivers Fed 33-34-720  
 Facility: Sec.04-T8S-R20E Wellbore: Three Rivers Fed 33-34-720 PWB

## Targets

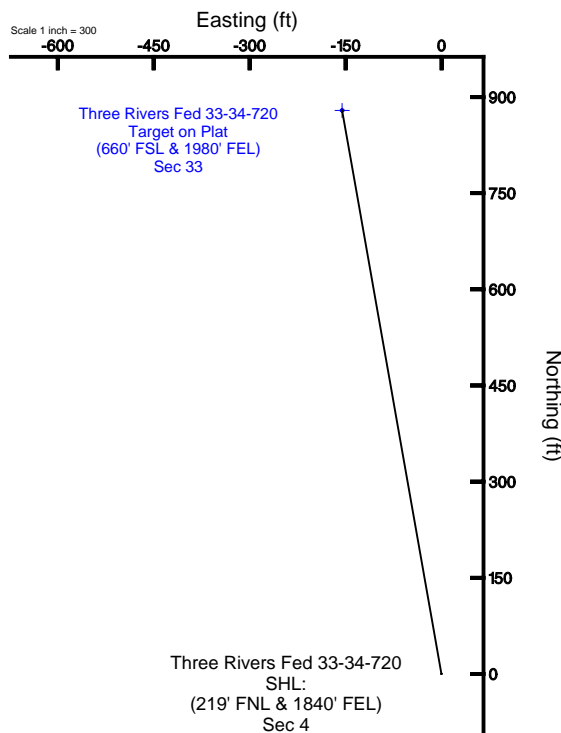
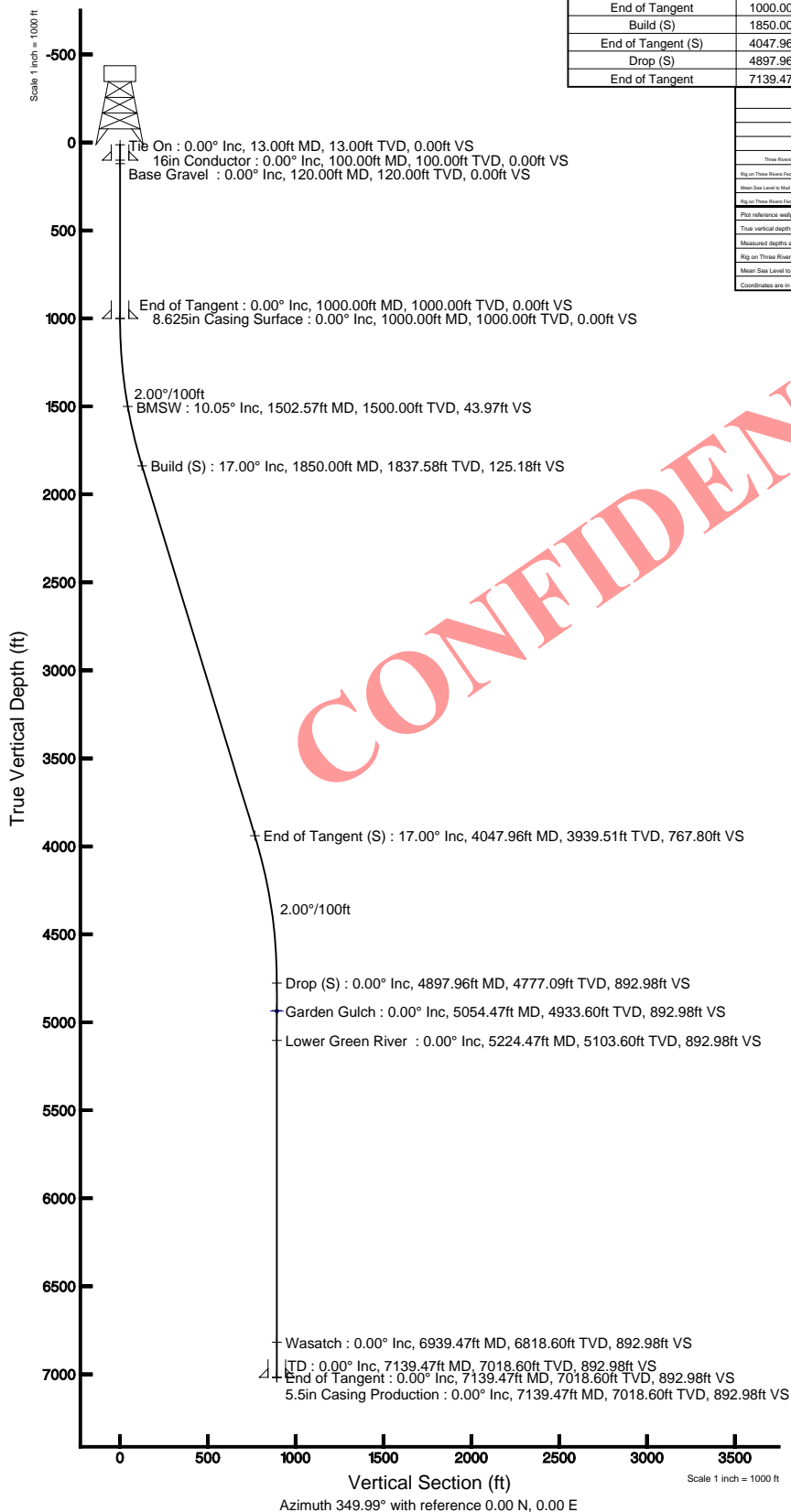
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers Fed 33-34-720 Target (660' FSL & 1980' FEL) Sec 33		4937.00	879.37	-155.28	2151438.25	7232528.27	40°09'38.960"N	109°40'17.060"W

## Well Profile Data

Design Comment	MD (ft)	Inc. (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	349.986	13.00	0.00	0.00	0.00	0.00
End of Tangent	1000.00	0.000	349.986	1000.00	0.00	0.00	0.00	0.00
Build (S)	1850.00	17.000	349.986	1837.58	123.27	-21.77	2.00	125.18
End of Tangent (S)	4047.96	17.000	349.986	3939.51	756.10	-133.51	0.00	767.80
Drop (S)	4897.96	0.000	349.986	4777.09	879.37	-155.28	2.00	892.98
End of Tangent	7139.47	0.000	349.986	7018.60	879.37	-155.28	0.00	892.98

## Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sec.04-T8S-R20E	2151438.25	7232528.27	40°09'38.960"N	109°40'17.060"W
Well	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Rig on Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) RTI to Main Base Level (4937.00 ft)	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Mean Sea Level to Mud line (4937.00 ft) Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Rig on Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) RTI to Main Base Level	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Plot reference wellpath is Three Rivers Fed 33-34-720 PWB	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
True vertical depths are referenced to Rig on Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) RTI	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Measured depths are referenced to Rig on Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) RTI	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Rig on Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) RTI to Main Base Level (4937.00 ft)	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Mean Sea Level to Mud line (4937.00 ft) Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Coordinates are in feet referenced to BSL	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W
Created by: wellbore on 1/17/2014	1000.00	1000.00	40°09'38.960"N	109°40'17.060"W





## Planned Wellpath Report

Three Rivers Fed 33-34-720 PWP

Page 1 of 4



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 PWB
Facility	Sec.04-T8S-R20E		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	EWilliams
Scale	0.999915	Report Generated	1/17/2014 at 1:56:42 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_33-34-720_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1028.17	-1495.41	2151611.47	7231652.33	40°09'30.270"N	109°40'15.060"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

### WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers Federal 33-34-720 (255' FNL & 1901' FEL) (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers Federal 33-34-720 (255' FNL & 1901' FEL) (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers Federal 33-34-720 (255' FNL & 1901' FEL) (RT)	Rig on Three Rivers Federal 33-34-720 (255' FNL & 1901' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4)
MD Reference Pt	Rig on Three Rivers Federal 33-34-720 (255' FNL & 1901' FEL) (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

CONFIDENTIAL



## Planned Wellpath Report

Three Rivers Fed 33-34-720 PWP

Page 2 of 4



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 PWB
Facility	Sec.04-T8S-R20E		

### WELLPATH DATA (83 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	349.986	0.00	0.00	0.00	0.00	0.00	
13.00	0.000	349.986	13.00	0.00	0.00	0.00	0.00	
113.00†	0.000	349.986	113.00	0.00	0.00	0.00	0.00	
120.00†	0.000	349.986	120.00	0.00	0.00	0.00	0.00	Base Gravel
213.00†	0.000	349.986	213.00	0.00	0.00	0.00	0.00	
313.00†	0.000	349.986	313.00	0.00	0.00	0.00	0.00	
413.00†	0.000	349.986	413.00	0.00	0.00	0.00	0.00	
513.00†	0.000	349.986	513.00	0.00	0.00	0.00	0.00	
613.00†	0.000	349.986	613.00	0.00	0.00	0.00	0.00	
713.00†	0.000	349.986	713.00	0.00	0.00	0.00	0.00	
813.00†	0.000	349.986	813.00	0.00	0.00	0.00	0.00	
913.00†	0.000	349.986	913.00	0.00	0.00	0.00	0.00	
1000.00	0.000	349.986	1000.00	0.00	0.00	0.00	0.00	
1013.00†	0.260	349.986	1013.00	0.03	0.03	-0.01	2.00	
1113.00†	2.260	349.986	1112.97	2.23	2.19	-0.39	2.00	
1213.00†	4.260	349.986	1212.80	7.91	7.79	-1.38	2.00	
1313.00†	6.260	349.986	1312.38	17.08	16.82	-2.97	2.00	
1413.00†	8.260	349.986	1411.57	29.72	29.27	-5.17	2.00	
1502.57†	10.051	349.986	1500.00	43.97	43.30	-7.65	2.00	BMSW
1513.00†	10.260	349.986	1510.26	45.81	45.11	-7.97	2.00	
1613.00†	12.260	349.986	1608.33	65.33	64.34	-11.36	2.00	
1713.00†	14.260	349.986	1705.66	88.27	86.93	-15.35	2.00	
1813.00†	16.260	349.986	1802.13	114.59	112.84	-19.93	2.00	
1850.00	17.000	349.986	1837.58	125.18	123.27	-21.77	2.00	
1913.00†	17.000	349.986	1897.83	143.60	141.41	-24.97	0.00	
2013.00†	17.000	349.986	1993.46	172.83	170.20	-30.05	0.00	
2113.00†	17.000	349.986	2089.09	202.07	198.99	-35.14	0.00	
2213.00†	17.000	349.986	2184.72	231.31	227.78	-40.22	0.00	
2313.00†	17.000	349.986	2280.35	260.55	256.58	-45.31	0.00	
2413.00†	17.000	349.986	2375.98	289.78	285.37	-50.39	0.00	
2513.00†	17.000	349.986	2471.61	319.02	314.16	-55.47	0.00	
2613.00†	17.000	349.986	2567.24	348.26	342.95	-60.56	0.00	
2713.00†	17.000	349.986	2662.87	377.49	371.74	-65.64	0.00	
2813.00†	17.000	349.986	2758.50	406.73	400.54	-70.73	0.00	
2913.00†	17.000	349.986	2854.14	435.97	429.33	-75.81	0.00	
3013.00†	17.000	349.986	2949.77	465.21	458.12	-80.90	0.00	
3113.00†	17.000	349.986	3045.40	494.44	486.91	-85.98	0.00	
3213.00†	17.000	349.986	3141.03	523.68	515.70	-91.06	0.00	
3313.00†	17.000	349.986	3236.66	552.92	544.49	-96.15	0.00	
3413.00†	17.000	349.986	3332.29	582.15	573.29	-101.23	0.00	
3513.00†	17.000	349.986	3427.92	611.39	602.08	-106.32	0.00	
3613.00†	17.000	349.986	3523.55	640.63	630.87	-111.40	0.00	
3713.00†	17.000	349.986	3619.18	669.87	659.66	-116.48	0.00	
3813.00†	17.000	349.986	3714.81	699.10	688.45	-121.57	0.00	
3913.00†	17.000	349.986	3810.44	728.34	717.24	-126.65	0.00	



## Planned Wellpath Report

Three Rivers Fed 33-34-720 PWP

Page 3 of 4



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 PWB
Facility	Sec.04-T8S-R20E		

### WELLPATH DATA (83 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4013.00†	17.000	349.986	3906.07	757.58	746.04	-131.74	0.00	
4047.96	17.000	349.986	3939.51	767.80	756.10	-133.51	0.00	
4113.00†	15.699	349.986	4001.91	786.11	774.13	-136.70	2.00	
4213.00†	13.699	349.986	4098.63	811.48	799.12	-141.11	2.00	
4313.00†	11.699	349.986	4196.18	833.46	820.76	-144.93	2.00	
4413.00†	9.699	349.986	4294.44	852.03	839.05	-148.16	2.00	
4513.00†	7.699	349.986	4393.28	867.15	853.94	-150.79	2.00	
4613.00†	5.699	349.986	4492.60	878.82	865.43	-152.82	2.00	
4713.00†	3.699	349.986	4592.25	887.01	873.49	-154.24	2.00	
4813.00†	1.699	349.986	4692.14	891.72	878.13	-155.06	2.00	
4897.96	0.000	349.986	4777.09†	892.98	879.37	-155.28	2.00	
4913.00†	0.000	349.986	4792.13	892.98	879.37	-155.28	0.00	
5013.00†	0.000	349.986	4892.13	892.98	879.37	-155.28	0.00	
5054.47†	0.000	349.986	4933.60	892.98	879.37	-155.28	0.00	Garden Gulch
5113.00†	0.000	349.986	4992.13	892.98	879.37	-155.28	0.00	
5213.00†	0.000	349.986	5092.13	892.98	879.37	-155.28	0.00	
5224.47†	0.000	349.986	5103.60	892.98	879.37	-155.28	0.00	Lower Green River
5313.00†	0.000	349.986	5192.13	892.98	879.37	-155.28	0.00	
5413.00†	0.000	349.986	5292.13	892.98	879.37	-155.28	0.00	
5513.00†	0.000	349.986	5392.13	892.98	879.37	-155.28	0.00	
5613.00†	0.000	349.986	5492.13	892.98	879.37	-155.28	0.00	
5713.00†	0.000	349.986	5592.13	892.98	879.37	-155.28	0.00	
5813.00†	0.000	349.986	5692.13	892.98	879.37	-155.28	0.00	
5913.00†	0.000	349.986	5792.13	892.98	879.37	-155.28	0.00	
6013.00†	0.000	349.986	5892.13	892.98	879.37	-155.28	0.00	
6113.00†	0.000	349.986	5992.13	892.98	879.37	-155.28	0.00	
6213.00†	0.000	349.986	6092.13	892.98	879.37	-155.28	0.00	
6313.00†	0.000	349.986	6192.13	892.98	879.37	-155.28	0.00	
6413.00†	0.000	349.986	6292.13	892.98	879.37	-155.28	0.00	
6513.00†	0.000	349.986	6392.13	892.98	879.37	-155.28	0.00	
6613.00†	0.000	349.986	6492.13	892.98	879.37	-155.28	0.00	
6713.00†	0.000	349.986	6592.13	892.98	879.37	-155.28	0.00	
6813.00†	0.000	349.986	6692.13	892.98	879.37	-155.28	0.00	
6913.00†	0.000	349.986	6792.13	892.98	879.37	-155.28	0.00	
6939.47†	0.000	349.986	6818.60	892.98	879.37	-155.28	0.00	Wasatch
7013.00†	0.000	349.986	6892.13	892.98	879.37	-155.28	0.00	
7113.00†	0.000	349.986	6992.13	892.98	879.37	-155.28	0.00	
7139.47	0.000	349.986	7018.60	892.98	879.37	-155.28	0.00	TD





## Planned Wellpath Report

Three Rivers Fed 33-34-720 PWP

Page 4 of 4



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (219' FNL & 1840' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 PWB
Facility	Sec.04-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 33-34-720 PWB Ref Wellpath: Three Rivers Fed 33-34-720 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	100.00	87.00	13.00	100.00	0.00	0.00	0.00	0.00
12.25in Open Hole	100.00	1000.00	900.00	100.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7139.47	6139.47	1000.00	7018.60	0.00	0.00	879.37	-155.28
5.5in Casing Production	13.00	7139.47	7126.47	13.00	7018.60	0.00	0.00	879.37	-155.28

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 33-34-720 Target (660' FSL & 1980' FEL) Sec 33		4937.00	879.37	-155.28	2151438.25	7232528.27	40°09'38.960"N	109°40'17.060"W	point

CONFIDENTIAL

**AFFIDAVIT OF SURFACE USE AGREEMENT & GRANT OF EASEMENTS**

Book 1342 Page 748

I, Tab McGinley, Affiant, being duly sworn depose and say:

THAT, I am the Vice President of Land for Axia Energy, LLC, a Delaware limited liability corporation authorized to do business in Utah (hereinafter referred to as "Axia"), 1430 Larimer Street, Suite 400, Denver, CO 80202. Axia owns, operates and manages oil and gas interests in the State of Utah including the lands described below located in Uintah County, Utah.

WHEREAS, Axia has on file a signed Pipeline Easement for lands located in Uintah County as follows:

Township 8 South Range 20 East  
Section 4: NWNE

Land Owner: George Eugene Winder and Sandra Jeanne Shimizu Winder

THEREFORE, Axia is filing this Affidavit of Record in the Records of Uintah County, Utah to **provide constructive notice to the public** and that any inquiries or any emergencies that may occur which require immediate notification and handling by Axia should be directed to:

AXIA ENERGY, LLC  
1430 Larimer Street  
Suite 400  
Denver, CO 80202  
Main Phone: 720-746-5200  
Emergency Phone: 1-800-474-2430

Entry 2013007255  
Book 1342 Page 748 \$10.00  
29-JUL-13 02:29  
RANDY SIMMONS  
RECORDER, UINTAH COUNTY, UTAH  
AXIA ENERGY  
1430 LARIMER ST STE 400 DENVER, CO  
Rec By: DEBRA ROOKS , DEPUTY

Further Affiant sayeth not.

Subscribed and sworn to before me this 25<sup>th</sup> day of July, 2013.

Tab McGinley  
Vice President, Land

STATE OF COLORADO)

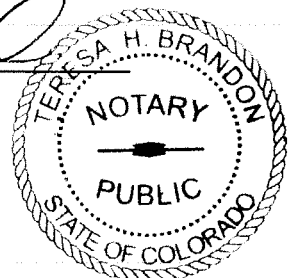
} ss

COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by Tab McGinley, Vice President of Land, this 25<sup>th</sup> day of July, 2013.

Teresa H. Brandon  
Notary Public

My Commission Expires: 8/7/16



# BOP Equipment

3000psi WP

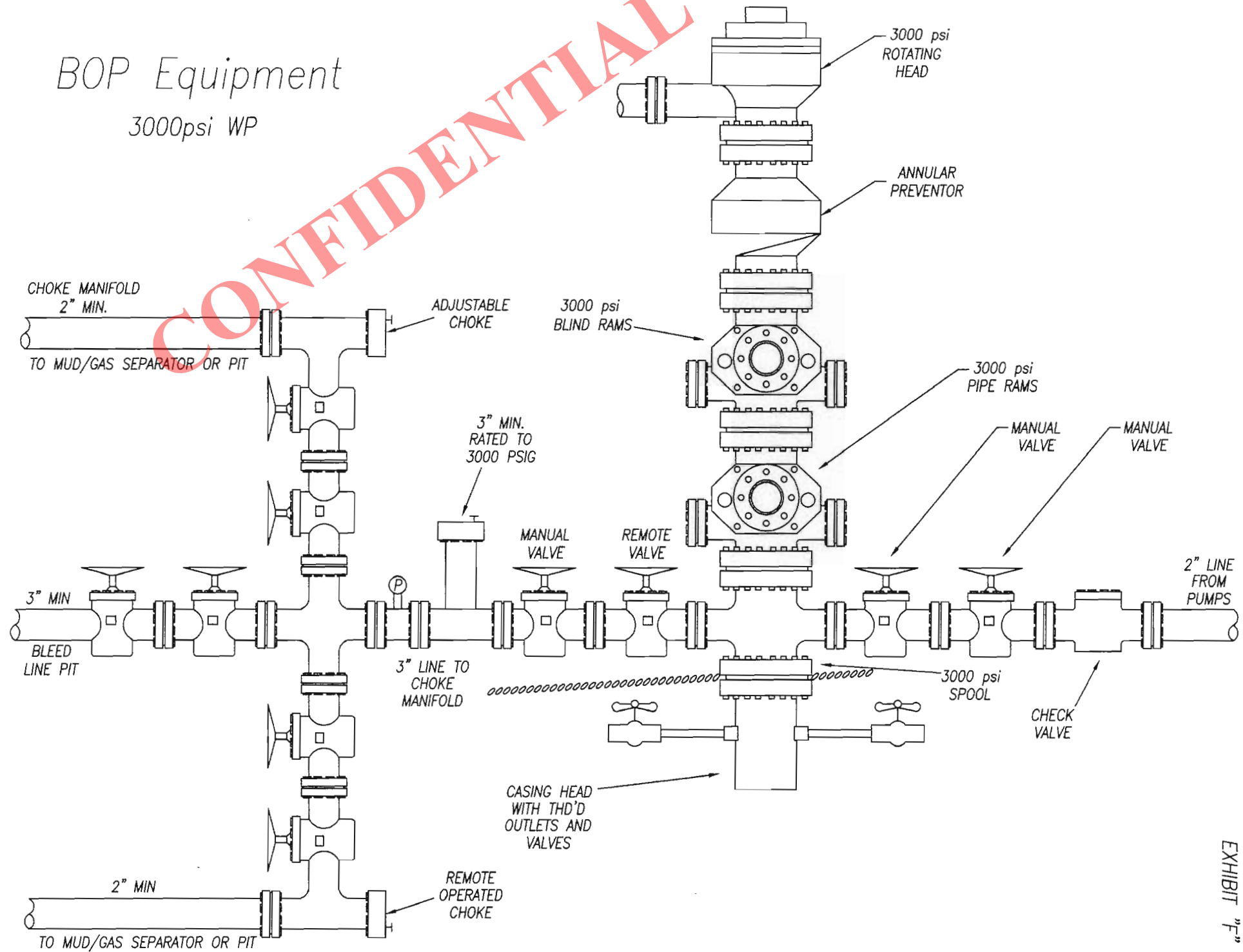


EXHIBIT "F"



# Ultra Resources, Inc.

---

March 7, 2014

Mr. Dustin Doucet  
Utah Division of Oil, Gas & Mining  
1594 West North Temple  
Salt Lake City, Utah 84116

RE: **Directional Drilling – Docket No. 2013-030 / Cause No. 270-02**  
Three Rivers Fed 33-34-720 (API # 43-047-54255)  
SHL: NWNE Lot 2 Sec 4-T8S-R20E  
BHL: SWSE Sec 33-T7S-R20E  
Uintah County, UT

Mr. Doucet:

Ultra Resources respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- Ultra Resources, LLC is the sole owner of 100% of the leasehold rights within 460' around proposed bottom hole location and point of penetration of productive interval.
- Ultra Resources, LLC owns 100% of the Federal leasehold estates under Lease UTU-85994 and Lease UTU-85592.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra Resources requests the permit be granted pursuant to Cause No. 270-02.

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Debbie Ghani  
Sr. Permitting Specialist

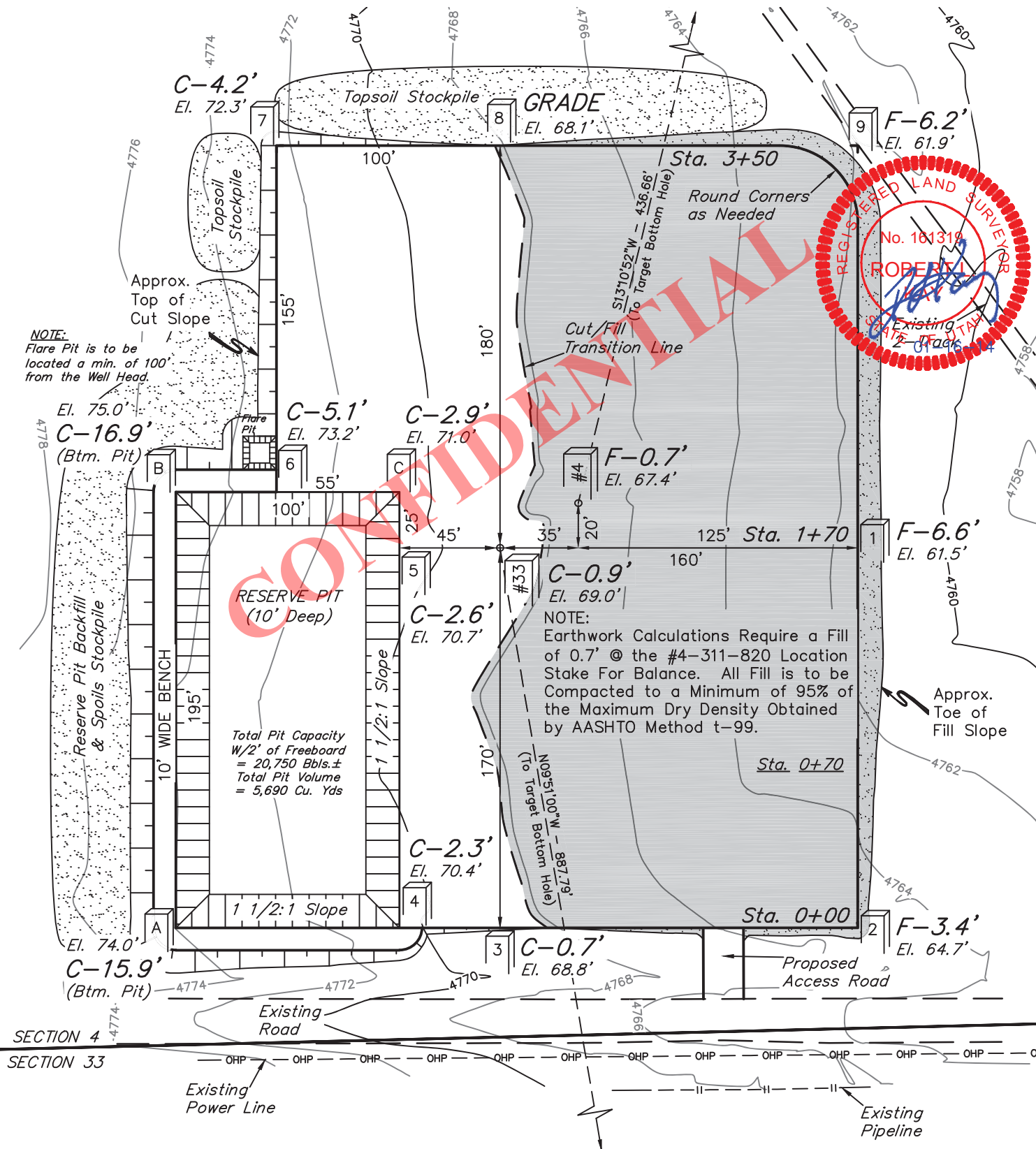
304 Inverness Way South, Suite 295, Englewood, CO 80112  
Telephone 303-708-9740 Facsimile 303-708-9748

RECEIVED: March 07, 2014



THREE RIVERS FED #33-34-720 & #4-311-820  
SECTION 4, T8S, R20E, S.L.B.&M.  
LOT 2

SCALE: 1" = 60'  
DATE: 10-17-13  
DRAWN BY: S.S.  
REV: 12-16-13 J.J.  
REV: 01-09-14 S.S.



Elev. Ungraded Ground At #33 Loc. Stake = 4769.0'  
FINISHED GRADE ELEV. AT #33 LOC. STAKE = 4768.1'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: January 21, 2014

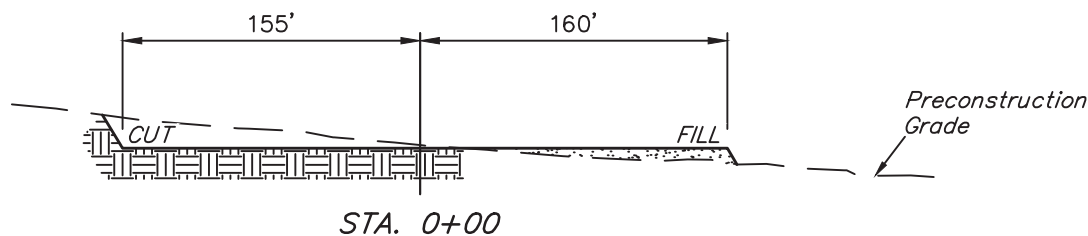
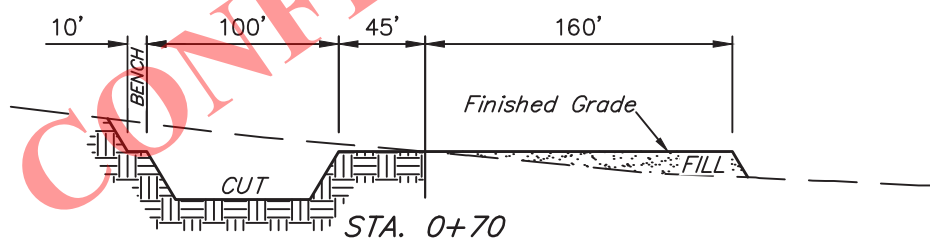
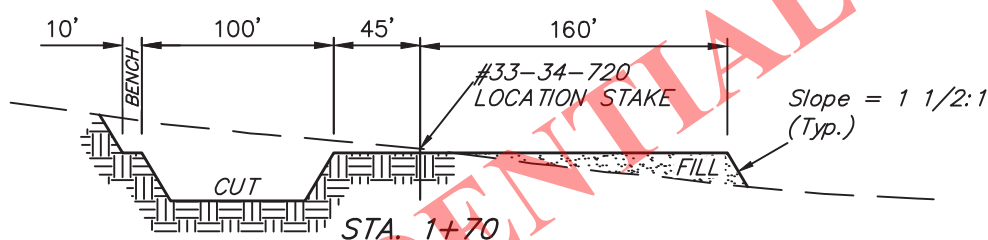
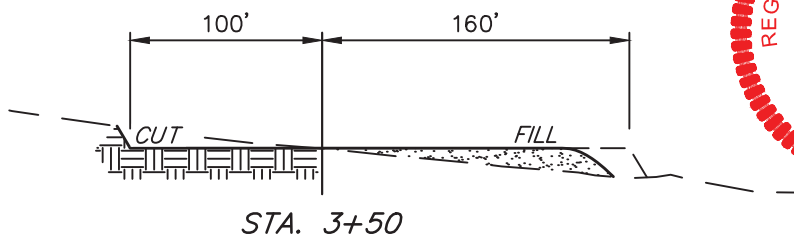
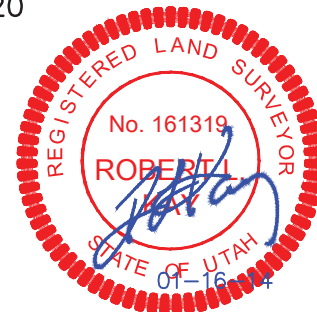
## ULTRA RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

THREE RIVERS FED #33-34-720 & #4-311-820  
SECTION 4, T8S, R20E, S.L.B.&M.  
LOT 2

FIGURE #2

1" = 40'  
X-Section  
Scale  
1" = 100'  
DATE: 10-17-13  
DRAWN BY: S.S.  
REV: 12-16-13 J.J.  
REV: 01-09-14 S.S.



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE ACREAGE

WELL SITE DISTURBANCE =  $\pm 4.016$  ACRES  
PIPELINE DISTURBANCE =  $\pm 0.026$  ACRES  
TOTAL =  $\pm 4.042$  ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,160 Cu. Yds.  
Remaining Location = 10,740 Cu. Yds.  
TOTAL CUT = 12,900 CU. YDS.  
FILL = 7,890 CU. YDS.

EXCESS MATERIAL = 5,010 Cu. Yds.  
Topsoil & Pit Backfill = 5,010 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: January 21, 2014

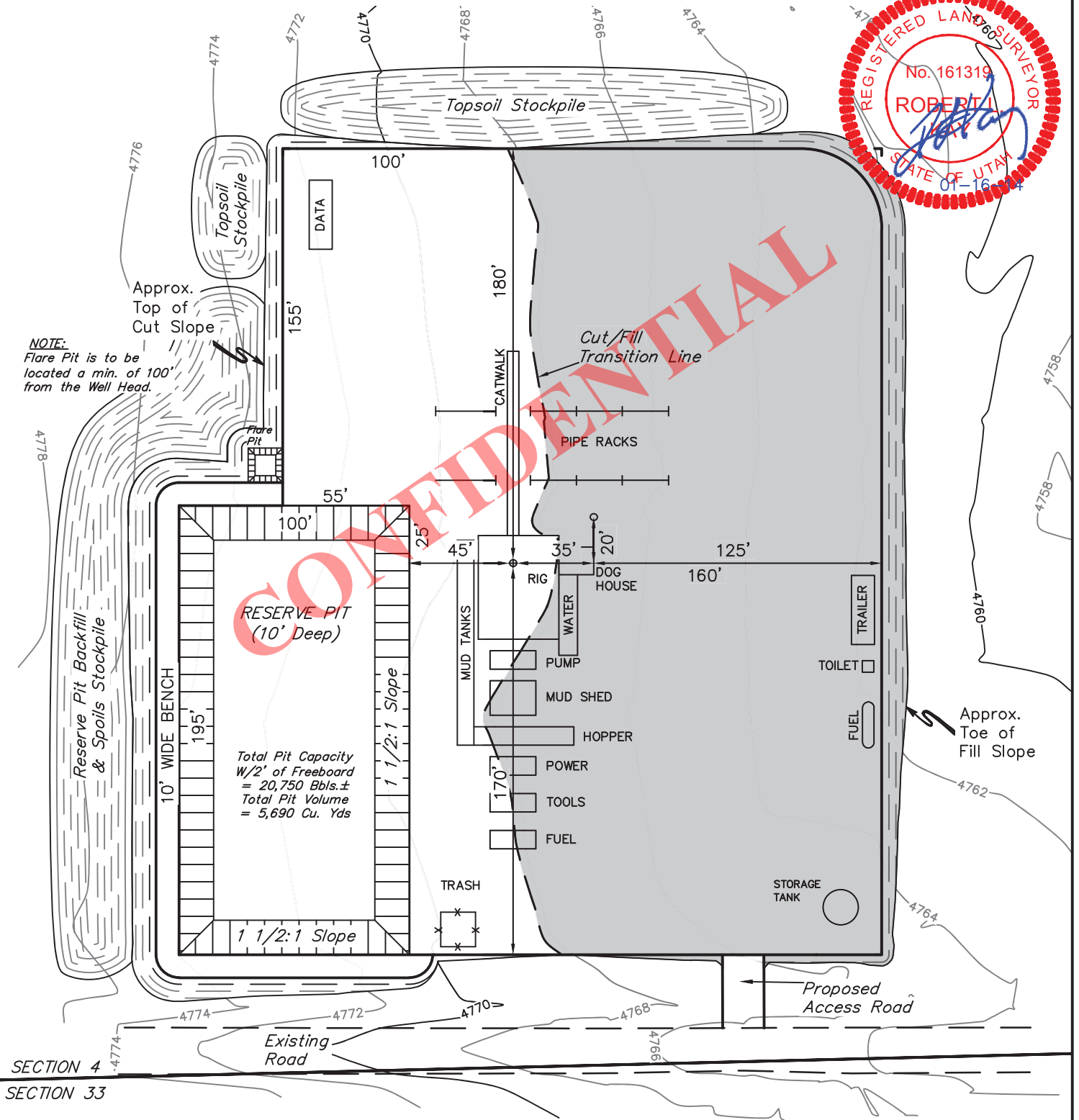
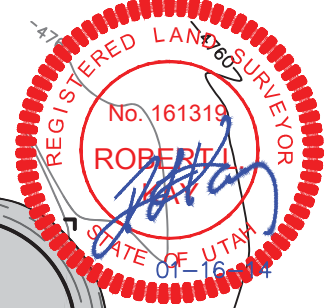
# ULTRA RESOURCES, INC.

## TYPICAL RIG LAYOUT FOR

THREE RIVERS FED #33-34-720 & #4-311-820  
SECTION 4, T8S, R20E, S.L.B.&M.  
LOT 2

FIGURE #3

SCALE: 1" = 60'  
DATE: 10-17-13  
DRAWN BY: S.S.  
REV: 12-16-13 J.J.  
REV: 01-09-14 S.S.



## ULTRA RESOURCES, INC.

## INTERIM RECLAMATION LAYOUT FOR

THREE RIVERS FED #33-34-720 & #4-311-820  
SECTION 4, T8S, R20E, S.L.B.&M.  
LOT 2

FIGURE #4

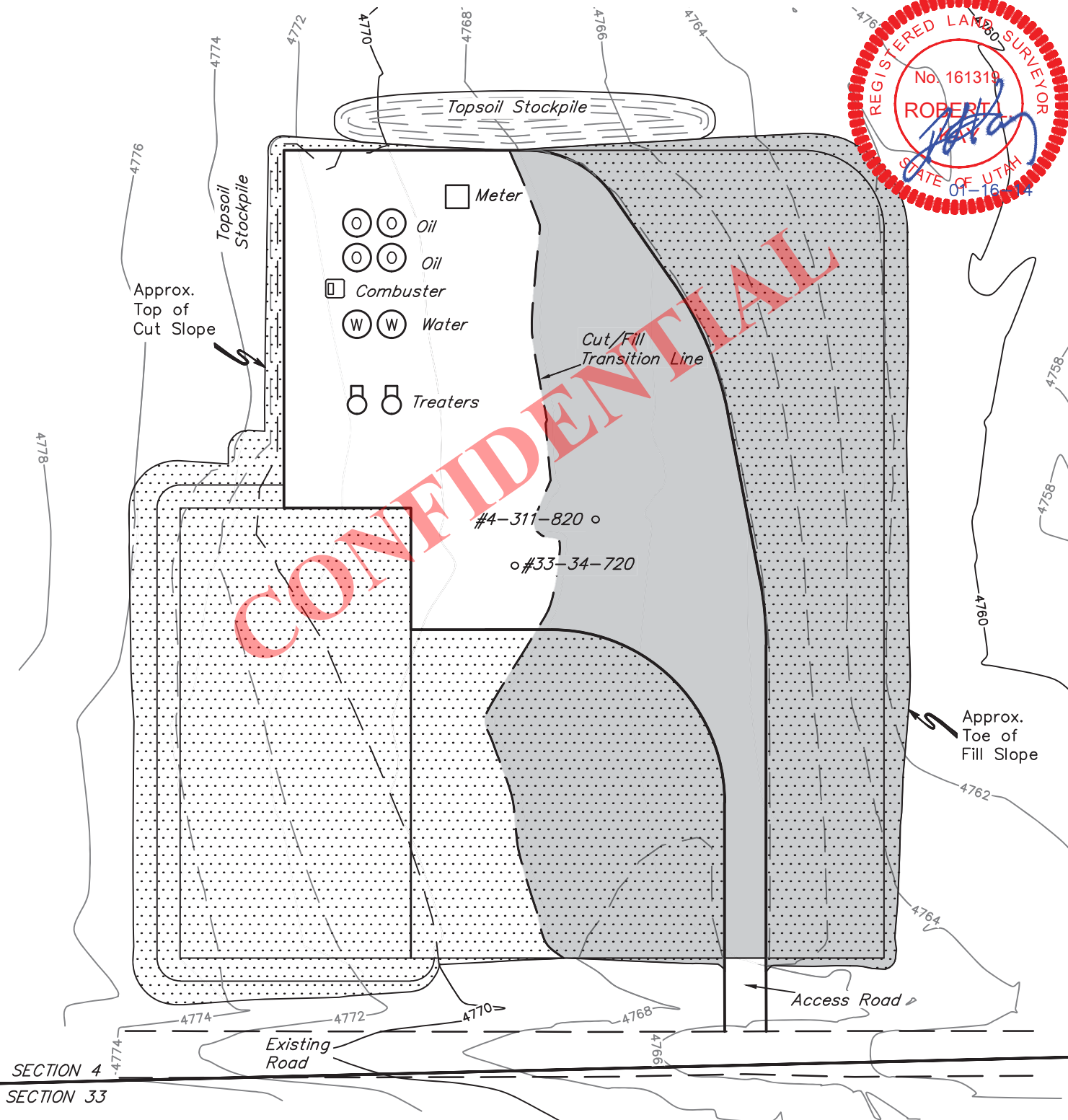
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DATE: 10-17-13

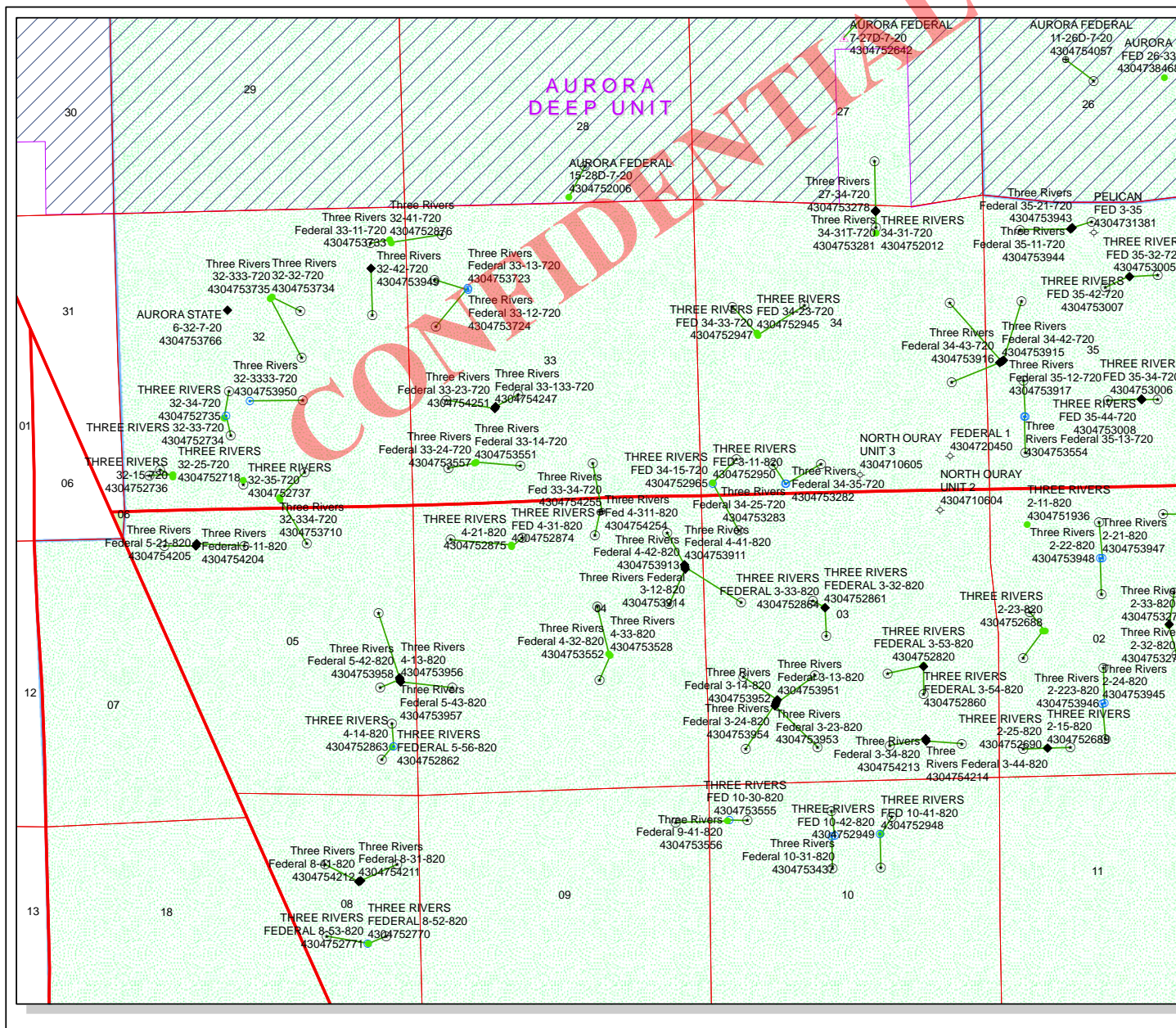
DRAWN BY: S.S.

REV: 12-16-13 J.J.

REV: 01-09-14 S.S.







API Number: 4304754255

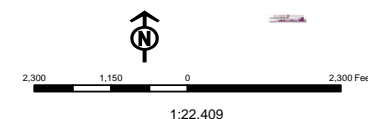
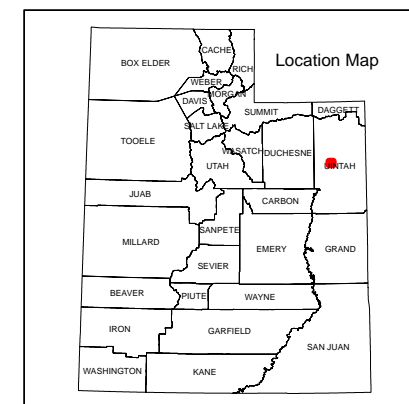
Well Name: Three Rivers Fed 33-34-720

Township: T08.0S Range: R20.0E Section: 04 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 3/7/2014  
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERMAL	
POW - Producing Oil Well		PP OIL	
SOW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned		Fields	
TW - Test Well		Status	
WOW - Water Disposal		Unknown	
WW - Water Injection Well		ABANDONED	
WSW - Water Supply Well		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	



# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** ULTRA RESOURCES INC  
**Well Name** Three Rivers Fed 33-34-720  
**API Number** 43047542550000      **APD No** 9294      **Field/Unit** THREE RIVERS  
**Location:** NWNE      **Sec** 4      **Tw** 8.0S      **Rng** 20.0E      219 FNL 1840 FEL  
**1/4, 1/4**  
**GPS Coord (UTM)** 613192 4446187      **Surface Owner** George Eugene & Sandra Winder  
 Trustees ETAL

### **Participants**

Jim Burns (permit contractor), Bart Hunting (surveyor), Richard Powell (UDOGM)

### **Regional/Local Setting & Topography**

This well is located approximately 0.4 miles west of highway 88 approximately 5 miles north of Ouray, Utah and approximately 2 miles south of Pelican Lake. The area around this location is generally quite flat. There are large farm fields and pasture lands in the area. This proposed well site slopes gently west.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing

#### **New Road**

Miles

0.01

#### **Well Pad**

**Width** 260      **Length** 350

#### **Src Const Material**

Offsite

#### **Surface Formation**

ALLU

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Desert grasses, grease wood, rabbit brush

Antelope habitat

#### **Soil Type and Characteristics**

Sandy loam

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** Y

Will likely require gravel for equipment stabilization.

**Drainage Diversion Required?** N

**Berm Required? N****Erosion Sedimentation Control Required? N****Paleo Survey Run? N    Paleo Potential Observed? Y    Cultural Survey Run? Y    Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>		20
<b>Native Soil Type</b>	High permeability	20
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		50    1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit as proposed is 195ft x 100ft x 10ft deep and is to be placed in a cut stable location. This pit will require a 16 mil liner and felt subliner.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 16    Pit Underlayment Required? Y**

**Other Observations / Comments**

This is a proposed two well pad to be shared with 4304754254

Richard Powell  
Evaluator

3/6/2014  
Date / Time



# Application for Permit to Drill Statement of Basis Utah Division of Oil, Gas and Mining

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
9294	43047542550000	LOCKED	OW	P	No
<b>Operator</b>	ULTRA RESOURCES INC		<b>Surface Owner-APD</b>	George Eugene & Sandra Winder Trustees ETAL	
<b>Well Name</b>	Three Rivers Fed 33-34-720		<b>Unit</b>		
<b>Field</b>	THREE RIVERS		<b>Type of Work</b>	DRILL	
<b>Location</b>	NWNE 4 8S 20E S 219 FNL 1840 FEL GPS Coord (UTM) 613199E 4446181N				

## Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
**APD Evaluator**

3/17/2014  
**Date / Time**

## Surface Statement of Basis

This proposed well site is on fee surface with federal minerals. Surface owners George and Sandra Winder were invited to attend this onsite inspection but stated they had no interest in attending and no concerns with drilling at this site. The proposed site is generally flat with only a gentle slope to the west. There is a dry wash at the west side of this location but it will not be altered by this location. A reserve pit will be built and will be placed in a cut stable location with a 16 mil liner and felt subliner. This appears to be a good spot for placement of this well.

Richard Powell  
**Onsite Evaluator**

3/6/2014  
**Date / Time**

## Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/21/2014

API NO. ASSIGNED: 43047542550000

WELL NAME: Three Rivers Fed 33-34-720

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNE 04 080S 200E

Permit Tech Review: ☒

SURFACE: 0219 FNL 1840 FEL

Engineering Review: ☐

BOTTOM: 0660 FSL 1980 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15836

LONGITUDE: -109.67081

UTM SURF EASTINGS: 613199.00

NORTHINGS: 4446181.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85592

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: FEDERAL - UTB000593☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 43-10988☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 270-02

Effective Date: 11/9/2013

Siting: (2) Wells Per Drilling Unit

☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
15 - Directional - dmason

RECEIVED: March 19, 2014





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Three Rivers Fed 33-34-720  
**API Well Number:** 43047542550000  
**Lease Number:** UTU85592  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 3/19/2014

### Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #245, Englewood, CO 80112

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU85592
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #245, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> Three Rivers Fed 33-34-720
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0219 FNL 1840 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047542550000
<b>5. FIELD and POOL or WILDCAT:</b> THREE RIVERS		<b>6. COUNTY:</b> UINTAH
<b>7. STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/1/2014</b>	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ultra Resources respectfully requests changes to the approved drilling permit as indicated below:

1. Surface a. Casing: 8 5/8" 24.0 ppf; J-55; LTC; 1,370 psi collapse and 2,950 psi burst b. Lead Cement: 1/2 the hole height to surface consisting of Premium Lightweight cement w/ additives, 11.5 ppg, 2.97 cf/sk and 50% excess c. Tail Cement: TD to 1/2 the hole height consisting of Premium Lightweight cement with additives, 15.8 ppg, 1.16 cf/sk and 50% excess.

2. Production a. Casing: 5 1/2"; 17.0 ppf; J-55; LTC; 5,320' psi collapse and 5,320' psi burst b. Lead Cement: 500' to 4,000': 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess c. Tail Cement: 4,000' to TD: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** April 01, 2014

**By:**

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 28 2014

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No.  
UTU85994

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
THREE RIVERS FED 33-34-720

9. API Well No.

43-047-54255

10. Field and Pool, or Exploratory  
UNDESIGNATED

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 4 T8S R20E Mer SLB

Sec 33 T7S R20E

12. County or Parish  
UINTAH13. State  
UT

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

UTB000593

23. Estimated duration  
60 DAYS

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone2. Name of Operator  
ULTRA RESOURCES, INC. Contact: DON S HAMILTON  
E-Mail: starpoint@etv.net3a. Address  
304 INVERNESS WAY SOUTH, SUITE 295  
ENGLEWOOD, CO 801123b. Phone No. (include area code)  
Ph: 435-719-2018  
Fx: 435-719-2019

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NWNE Lot 2 219FNL 1840FEL 40.158408 N Lat, 109.670850 W Lon

At proposed prod. zone SWSE 660FSL 1980FEL 40.160822 N Lat, 109.671406 W Lon

14. Distance in miles and direction from nearest town or post office\*  
25.9 MILES SOUTHWEST OF VERNAL, UTAH15. Distance from proposed location to nearest property or  
lease line, ft. (Also to nearest drig. unit line, if any)  
21916. No. of Acres in Lease  
1818.0018. Distance from proposed location to nearest well, drilling,  
completed, applied for, on this lease, ft.  
4019. Proposed Depth  
7139 MD  
7019 TVD21. Elevations (Show whether DF, KB, RT, GL, etc.)  
4769 GL22. Approximate date work will start  
02/07/2014

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
(Electronic Submission)Name (Printed/Typed)  
DON S HAMILTON Ph: 435-719-2018Date  
01/21/2014Title  
PERMITTING AGENT

Approved by (Signature)

Name (Printed/Typed)

Jerry Kenczka

Date  
AUG 15 2014Title  
Assistant Field Manager  
Lands & Mineral ResourcesOffice  
VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Additional Operator Remarks (see next page)

Electronic Submission #232700 verified by the BLM Well Information System  
For ULTRA RESOURCES, INC., sent to the Vernal  
Committed to AFMSS for processing by LESLIE BUHLER on 02/05/2014 ()

RECEIVED

AUG 29 2014

## NOTICE OF APPROVAL

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* GAS &amp; MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: ULTRA RESOURCES, INC  
Well No: Three Rivers Fed 33-34-720  
API No: 43-047-54255

Location: NWNELOT 2 SEC 04 T08S R203  
Lease No: UTU85994  
Agreement:

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |   |
|---|---|
| Location Construction<br>(Notify Environmental Scientist)       | - Forty-Eight (48) hours prior to construction of location and access roads.  |
| Location Completion<br>(Notify Environmental Scientist)         | - Prior to moving on the drilling rig.  |
| Spud Notice<br>(Notify Petroleum Engineer)                      | - Twenty-Four (24) hours prior to spudding the well.  |
| Casing String & Cementing<br>(Notify Supv. Petroleum Tech.)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings to:<br><a href="mailto:blm_ut_vn_opreport@blm.gov">blm ut vn opreport@blm.gov</a> |
| BOP & Related Equipment Tests<br>(Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests.  |
| First Production Notice<br>(Notify Petroleum Engineer)          | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.                      |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- Stationary internal combustion engines will comply with the following emission standards: 2 g/bhp-hr of NO<sub>x</sub> for engines less than 300 HP and 1 g/bhp-hr of NO<sub>x</sub> for engines over 300 HP.
- Either no or low bleed controllers will be installed on pneumatic pumps, actuators or other pneumatic devices.
- VOC venting controls or flaring will be utilized for oil or gas atmospheric storage tanks.
- VOC venting controls or flaring will be used for glycol dehydration and amine units.
- Where feasible, green completion will be used for well completion, re-completion, venting, or planned blowdown emissions. Alternatively, use controlled VOC emissions methods with 90% efficiency.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
  - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
  - limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
  - limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32 inch mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region  
318 North Vernal Ave, Vernal, UT 84078  
Phone: (435) 781-9453



**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

1. Surface casing cement shall be brought to surface.
2. Production casing cement shall be brought up and into the surface.
3. A CBL shall be run from TD to TOC for the production casing.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.



- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

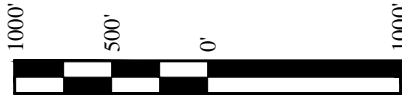
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU85592																														
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																														
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>																														
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> Three Rivers Fed 33-34-720																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0219 FNL 1840 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047542550000																														
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS																														
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/17/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Ultra requests to change the SHL from 219' FNL & 1840' FEL to 234' FNL & 1825' FEL per attached As-Drilled plat dated 10-16-14.																																
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>October 23, 2014</u> <b>By:</b> <u>Derek Duff</u>																																
<b>NAME (PLEASE PRINT)</b> Jenna Anderson		<b>PHONE NUMBER</b> 303 645-9804																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Assistant																														
<b>DATE</b> 10/21/2014																																

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- = SECTION CORNERS LOCATED.
- = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

T8S, R20E, S.L.B.&M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N10°38'12"W	904.79'



NAD 83 (PROPOSED BOTTOM HOLE)	NAD 83 (AS-DRILLED SURFACE LOCATION)
LATITUDE = 40°09'38.96" (40.160822)	LATITUDE = 40°09'30.13" (40.158369)
LONGITUDE = 109°40'17.06" (109.671406)	LONGITUDE = 109°40'14.86" (109.670794)

**BASIS OF BEARINGS**  
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

**BASIS OF ELEVATION**  
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



ULTRA RESOURCES, INC.

(AS-DRILLED) THREE RIVERS FED #33-34-720  
LOT 2, SECTION 4, T8S, R20E, S.L.B.&M.  
UINTAH COUNTY, UTAH

SURVEYED BY: T.A., J.L.	SURVEY DATE: 09-26-13
DRAWN BY: S.S.	DATE DRAWN: 10-17-13
SCALE: 1" = 1000'	REVISED: BY H.W. 10-16-14

(AS-DRILLED) WELL LOCATION PLAT

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU85592
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> Three Rivers Fed 33-34-720
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0234 FNL 1825 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047542550000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/7/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Monthly status report of drilling and completion attached.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 November 12, 2014

<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/7/2014	



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/13/2014

WELL NAME

THREE RIVERS FED 33-34-720

AFE#

141047

SPUD DATE

10/29/2014

WELL SITE CONSULTANT

J.MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Ensign 122

TD AT REPORT

1,077'

FOOTAGE

957'

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

7,078'

PRESENT OPS

Drilling at 1,077'

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

8 5/8

NEXT CASING DEPTH

1,057

SSE

0

SSED

0

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Conductor			09/17/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL		HRS	24hr DIST		24HR ROP		CUM HRS	CUM DIST	CUM ROP	
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	19,947	19,947	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	19,947	19,947	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/14/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Other	
TD AT REPORT	1,077'	FOOTAGE	957'	PRATE	136.7	CUM. DRLG. HRS	7.0	DRLG DAYS SINCE SPUD	0
ANTICIPATED TD	7,078'	PRESENT OPS	Drilling at 1,077'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:			CUM. MUD LOSS	SURF:	DH:		
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST	NEXT CASING SIZE		8 5/8	NEXT CASING DEPTH		1,057	SSE	0	SSED 0

TIME BREAKDOWN	CASING & CEMENT	5.50	DRILLING	7.00	TRIPPING	2.00
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DETAILS	Start	End	Hrs	
	10:00	17:00	07:00	DRILL F/ 1209 T/1077'
	17:00	19:00	02:00	POOH F/ CASING
	19:00	23:00	04:00	R/U AND RUN 1057.38' OF 8 5/8" 24# CASING.
	23:00	00:30	01:30	R/U AND PUMP 40 BBL GEL FOLLOWED W/675 SACKS (85 BBL)CLASS "G" CEMENT W/ 2% CACL& 1/4 LB/SK FLOSEAL. DISPLACE W/64.3 BBL. WATER. BUMPED PLUG W/600 PSI HELD 5 MINUTES AND RELEASED. FLOATS HELD. APPROX. 35 BBLS CEMENT TO SURFACE. R/D AND RELEASE.

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	1,500.0	1,500.0		0.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT  
FLOAT SHOE, 1-JOINT CASING, FLOAT COLLAR,25 JOINTS CASING. THREAD LOCK SHOE TRACK AND CENTRALIZE BOTTOM 3 JOINTS. 2, CENTRALIZERS IN CONDUCTOR.

CEMENT JOB SUMMARY  
R/U AND TEST LINES T/1000#.PUMP 30 BBLS WATER FOLLOWED W/ 40 BBL GEL SPACER. MIX AND PUMP 675 SACKS (85 BBL) CLASS "G" CEMENT W/ 2% CACL + 1/4 LB/SACK FLOSEAL. RELEASE WIPER AND DISPLACE W/600 PSI. PRESSURE TO 900 PSI AND HOLD 5 MINUTES. BLEED BACK 1 BBL AND FLOATS HELD. R/D AND RELEASE. 35 BBLS CEMENT BACK TO SURFACE.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
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BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
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RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
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MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
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SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
---------	------	-----	------	---------	-----	----	----	----	-----	-----------

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	3,919	3,919	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	12,489	12,489	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,636	21,583	20,000
8100..605: Cementing Work	32,625	32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,348	5,348		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	56,017	75,964	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/26/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	(no data)	FOOTAGE		PRATE	CUM. DRLG. HRS		7.0	DRLG DAYS SINCE SPUD	0
ANTICIPATED TD	7,078'	PRESENT OPS		(nothing recorded)			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:		DH:		CUM. MUD LOSS		SURF:		DH:
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST		NEXT CASING SIZE		NEXT CASING DEPTH				SSE	SSD

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:		Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg	
Surface		10/14/2014	8 5/8	J-55	24	1,057			
Conductor		09/17/2014	16	ARJ-55	45	120			

RECENT BITS:		MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT	SIZE									

BIT OPERATIONS:		RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
BIT	WOB										

RECENT MUD MOTORS:		MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
#	SIZE									

MUD MOTOR OPERATIONS:		REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
#	WOB								

SURVEYS		TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
Date										

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	3,919		7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	12,489	127,000		8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		40,000		8100..410: Mob/Demob		17,000	
8100..420: Bits & Reamers		15,500		8100..500: Roustabout Services		7,000	
8100..510: Testing/Inspection/		5,000		8100..520: Trucking & Hauling		10,000	
8100..530: Equipment Rental		25,000		8100..531: Down Hole Motor Ren		1,500	
8100..532: Solids Control Equi		7,000		8100..535: Directional Drillin		76,000	
8100..540: Fishing				8100..600: Surface Casing/Inte	21,583	20,000	
8100..605: Cementing Work	32,625	25,000		8100..610: P & A			
8100..700: Logging - Openhole		15,000		8100..705: Logging - Mud			
8100..800: Supervision/Consult		25,000		8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,348			8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/		2,000	
8200..520: Trucking & Hauling		7,000		8200..530: Equipment Rental		37,500	
8200..605: Cementing Work		25,000		8210..600: Production Casing		94,000	
8210..620: Wellhead/Casing Hea		20,000		Total Cost	75,964	717,000	

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/27/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014			
WELL SITE CONSULTANT	KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122			
TD AT REPORT	1,077'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS		7.0	DRLG DAYS SINCE SPUD	0		
ANTICIPATED TD	7,078'	PRESENT OPS	Rig Repair at 1,077'			GEOLOGIC SECT.					
DAILY MUD LOSS	SURF:	DH:	CUM. MUD LOSS			SURF:	DH:				
MUD COMPANY:				MUD ENGINEER:							
LAST BOP TEST	NEXT CASING SIZE			5 1/2	NEXT CASING DEPTH		7,058	SSE	0	SSED	0

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			10/14/2014		8 5/8	J-55	24	1,057				
Conductor			09/17/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	3,919		7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	12,489	127,000		8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		40,000		8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers		15,500		8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		5,000		8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental		25,000		8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi		7,000		8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	21,583		20,000
8100..605: Cementing Work	32,625	25,000		8100..610: P & A			
8100..700: Logging - Openhole		15,000		8100..705: Logging - Mud			
8100..800: Supervision/Consult		25,000		8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,348			8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling		7,000		8200..530: Equipment Rental			37,500
8200..605: Cementing Work		25,000		8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea		20,000		Total Cost	75,964		717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/28/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	1,077'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS		7.0	DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	7,078'	PRESENT OPS	Rig Repair at 1,077'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:	DH:				
MUD COMPANY:	ANCHOR			MUD ENGINEER:		SEAN LEHNEN				
LAST BOP TEST		NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,058	SSE	0	SSED	0

TIME BREAKDOWN	OTHER	1.50	RIG MOVE	6.50	RIG REPAIRS	16.00
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DETAILS				
Start	End	Hrs		
06:00	07:30	01:30	WAIT FOR DAYLIGHT	
07:30	14:00	06:30	MOVE RIG 1 MILE WITH R.W. JONES TRUCKING AND SET IN ON NEW LOCATION	
14:00	06:00	16:00	REPLACE 9 BUTTERFLY VALVES FOR THE MIXING PUMPS ON MUD TANKS - REMOVE AND REPLACE ALL GUN LINE VALVES ON MUD TANKS - REPLACE 1 6X6 MIXING PUMP & UNBOLT OTHER MIXING PUMP TO CLEAN OUT LINES - REPLACE BELTS ON #1 MUD PUMP AND CHANGE FUEL FILTERS - CUT OUT AND RE-WELD 6" LINE IN HOPPER HOUSE - MUD MIX LINES PACKED OFF WITH SOLIDS FISH HIGH PRESSURE LINE FROM WATER TANK DOWN MUD MIX LINES TO CLEAN OUT - ASSEMBLE NEW MUD MIX PUMP ON MUD TANK #1	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, MOVING RIG, RIGGING UP, LAST DAY STAY FOCUSED	
			SAFETY MEETING NIGHTS: PPE, SWA, RIGGING UP, LAST DAY STAY FOCUSED	
			REGULATORY VISITS: NONE.	
			INCIDENTS: NONE.	
			SAFETY DRILLS: NONE	
			REGULATORY NOTICES:NONE.	
			DRILLS: NONE.	
			DAYLIGHT: 5 CREW MEMBERS	
			NIGHTS: 5 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	365.0	5,065.0		4,700.0	1,865.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
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MUD PROPERTIES	Type	LSND	Mud Wt		Alk.		Sand %		XS Lime lb/bbl	
	Temp.		Gels 10sec		Cl ppm		Solids %		Salt bbls	
	Visc		Gels 10min		Ca ppm		LGS %		LCM ppb	
	PV		pH		pF		Oil %		API WL cc	
	YP		Filter Cake/32		Mf		Water %		HTHP WL cc	
	O/W Ratio		ES		WPS					
Comments:										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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DAILY COSTS	DAILY	CUM	A/E		DAILY	CUM	A/E
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos	735	4,654	7,500
8100..320: Mud & Chemicals	4,311	4,311	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	31,914	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,707	9,707	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	5,606	5,606	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	4,653	4,653	7,000	8100..535: Directional Drillin	4,500	4,500	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	4,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,911	11,259		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	59,648	135,612	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/29/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	1,792'	FOOTAGE	715'	PRATE	143.0	CUM. DRLG. HRS	12.0	DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	7,078'	PRESENT OPS	Directional Drilling at 1,792'				GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	0	CUM. MUD LOSS	SURF:	0	DH:	0	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			SEAN LEHNEN			
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,078	SSE	0	SSED	0

TIME BREAKDOWN									
DIRECTIONAL DRILLING	5.00	DRILLING CEMENT	1.50	NIPPLE UP B.O.P.	2.00				
PRESSURE TEST B.O.P.	5.50	RIG REPAIRS	7.00	RIG SERVICE	0.50				
TRIPPING	1.50	WORK BHA	1.00						

DETAILS									
Start	End	Hrs							
06:00	13:00	07:00	CONTINUE RIG REPAIRS						
13:00	15:00	02:00	NIPPLE UP B.O.P.						
15:00	20:30	05:30	RIG UP TESTER (WALKER TESTING) TEST BOP - PIPE RAMS, BLIND RAMS, CHOKE LINE & CHOKE VALVES, FOSV, INSIDE BOP, KILL LINE AND VALVES, CHOKE LINE, CHOKE MANIFOLD & VALVES, HCR & MANUAL VALVE ALL @ 10 MIN 250 PSI LOW 10 MIN 3000 PSI HIGH - ANNULAR @ 10 MIN 1500 PSI HIGH 10 MIN 250 PSI LOW - CASING @ 30 MIN 1500 PSI - ACCUMULATOR FUNCTION TEST, RIG DOWN TESTER. RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT HPU MOTORS.						
20:30	21:00	00:30	DIRECTIONAL WORK - PICK UP MUD MOTOR - MAKE UP BIT - SCRIBE MOTOR - LOAD MWD TOOL & ORIENT SAME - FINISH PICKING UP DIRECTIONAL TOOLS						
21:00	22:00	01:00	T.I.H. FROM 93' TO 969' - INSTALL ROTATING HEAD						
22:00	23:30	01:30	DRILLING CEMENT FLOAT AND SHOE WITH 300 GPM, 25 RPM, 5-8K WT ON BIT - TAGGED CEMENT @ 969'						
23:30	01:00	01:30	DIRECTIONAL DRILLING FROM 1077' TO 1792' (715') 143 FT/HR						
01:00	06:00	05:00	GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1205 PSI, DIFF PRESSURE=300-650 PSI, WOB=20-24K, TQ=7500 FT/LBS, MUD WT 9.3, VIS 40						
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, TESTING BOP RIGGING UP, FIRST DAY BACK						
			SAFETY MEETING NIGHTS: PPE, SWA, TESTING BOP, TRIPPING PIPE, FIRST DAY BACK						
			REGULATORY VISITS: NONE.						
			INCIDENTS: NONE.						
			SAFETY DRILLS: NONE						
			REGULATORY NOTICES:NONE.						
			DRILLS: NONE.						
			DAYLIGHT: 4 CREW MEMBERS						
			NIGHTS: 4 CREW MEMBERS						

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	290.0	0.0	0.0	4,410.0	2,155.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	1,205	2.05	5.00	715	143.00	5.00	715	143.00

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6301	7/8	1,077		10/28/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	22	0.33	5.00	715	143.00	5.00	715	143.00			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/29/2014	1,565	8.8	348.96	1,563	20.6	19.31	-9.26	2.7	MWD Survey Tool		
10/29/2014	1,474	6.3	350.72	1,473	8.6	7.54	-7.12	2.3	MWD Survey Tool		
10/29/2014	1,384	4.5	339.44	1,384	0.2	-0.66	-5.07	2.9	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.3	Alk.		Sand %		XS Lime lb/bbl			
Temp.		Gels 10sec		Cl ppm		Solids %		Salt bbls			
Visc	38	Gels 10min		Ca ppm		LGS %		LCM ppb			
PV		pH		pF		Oil %		API WL cc			
YP		Filter Cake/32		Mf		Water %		HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	TRAILER RENTAL 1, ENGINEER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,500	GPM	444	SPR	43	Slow PSI	357
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup	STEARABLE												
Up Weight	65,000	Dn Weight	55,000	RT Weight	60,000			Length	886.7			Hours on BHA	5
								Torque	8,500			Hours on Motor	5

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153346	HUGHES T506
2	MUD MOTOR	6.500	0.000	28.05		6301	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	4,654	7,500	
8100..320: Mud & Chemicals	712	5,023	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	51,339	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,707	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	3,900	3,900	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	8,831	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	5,078	7,000	8100..535: Directional Drillin	8,150	12,650	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	9,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,470	15,729		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	104,505	104,505	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	149,612	285,224	717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/30/2014

WELL NAME	THREE RIVERS FED 33-34-720				AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO				PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	4,464'	FOOTAGE	2,672'	PRATE	113.7	CUM. DRLG. HRS	35.5	DRLG DAYS SINCE SPUD	1	
ANTICIPATED TD	7,078'	PRESENT OPS Directional Drilling at 4,464'				GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	200	CUM. MUD LOSS	SURF:	0	DH:	200	
MUD COMPANY:	ANCHOR				MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,078	SSE	0	SSED	0

TIME BREAKDOWN			
DIRECTIONAL DRILLING	23.50	RIG SERVICE	0.50

DETAILS				
Start	End	Hrs		
06:00	12:30	06:30	DIRECTIONAL DRILLING FROM 1792' TO 2695' (903') 138.9 FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1350 PSI, DIFF PRESSURE=300-650 PSI, WOB=20-24K, TQ=9000 FT/LBS, MUD WT 9.5, VIS 38	
12:30	13:00	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT HPU MOTORS.	
13:00	00:00	11:00	DIRECTIONAL DRILLING FROM 2695' TO 3971' (1276') 116 FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1400 PSI, DIFF PRESSURE=300-650 PSI, WOB=22-24K, TQ=9500 FT/LBS, MUD WT 9.5, VIS 39	
00:00	00:00	00:00	DIRECTIONAL DRILLING FROM 5144' TO XXXX' (XXX') XXX.X FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1590 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-24K, TQ=10200 FT/LBS, MUD WT 9.5, VIS 39	
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 3971' TO 4464' (493') 82.2 FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1420 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-24K, TQ=9800 FT/LBS, MUD WT 9.5, VIS 39	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, PIPE ARM SAFETY. SAFETY MEETING NIGHTS: PPE, SWA, BIOLER OPERATIONS, WORKING IN COLD WEATHER REGULATORY VISITS: NONE. INCIDENTS: NONE. REGULATORY NOTICES:NONE. DRILLS: BOP DRILL DAY AND NIGHTS CREWS READY IN 40 SECENDS. DAYLIGHT: 4 CREW MEMBERS NIGHTS: 4 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,400.0	0.0	0.0	3,010.0	3,555.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	1,400	2.05	23.50	2,672	113.70	28.50	3,387	118.84

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6301	7/8	1,077		10/28/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	24	0.33	23.50	2,672	113.70	28.50	3,387	118.84			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/30/2014	4,282	13.5	356.23	4,152	835.1	820.32	-157.26	2.1	MWD Survey Tool		
10/30/2014	4,192	15.3	353.45	4,065	812.8	798.03	-155.21	2.1	MWD Survey Tool		
10/30/2014	4,101	16.3	347.24	3,977	788.1	773.68	-151.03	2.5	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.5	Alk.	3.0	Sand %		XS Lime lb/bbl			
Temp.	85	Gels 10sec	1	Cl ppm	1,600	Solids %	7.0	Salt bbls			
Visc	38	Gels 10min	3	Ca ppm	10	LGS %	5.0	LCM ppb			
PV	9	pH	10.0	pF	0.5	Oil %		API WL cc	7.0		
YP	5	Filter Cake/32	1	Mf	1.5	Water %	93.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	CITRIC ACID 1, LIGNITE 2, MICA 8, PHPA 6, SAWDUST 20, FLOWZAN 4, SODIUM BICARB 6, WALNUT 3, MEGA-CIDE 4, ECO-SEAL 15, PAC LV 7, CAL-CARB 14, TRAILER RENTAL 1, ENGINEER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,400	GPM	440	SPR	43	Slow PSI	278
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	43	Slow PSI	272
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	886.7	Hours on BHA		29	
Up Weight	135,000	Dn Weight	80,000	RT Weight	105,000			Torque	9,800	Hours on Motor		29	

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153346	HUGHES T506
2	MUD MOTOR	6.500	0.000	28.05		6301	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	238	4,892	7,500
8100..320: Mud & Chemicals	4,962	9,985	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	54,276	105,615	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,707	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,900	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	12,056	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	5,503	7,000	8100..535: Directional Drillin	8,150	20,800	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	14,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	9,126	24,855		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		104,505	94,000
8210..620: Wellhead/Casing Hea	6,889	6,889	20,000	Total Cost	92,091	377,315	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/31/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	6,457'	FOOTAGE	1,993'	PRATE	84.8	CUM. DRLG. HRS	59.0	DRLG DAYS SINCE SPUD	2	
ANTICIPATED TD	7,078'	PRESENT OPS			Directional Drilling at 6,457'		GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	300	CUM. MUD LOSS	SURF:	0	DH:	500	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,056	SSE	0	SSED	0

TIME BREAKDOWN		
DIRECTIONAL DRILLING	23.50	RIG SERVICE 0.50

DETAILS				
Start	End	Hrs		
06:00	12:30	06:30	DIRECTIONAL DRILLING FROM 4464' TO 5144' (680') 104.6 FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1590 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-24K, TQ=10200 FT/LBS, MUD WT 9.4, VIS 40	
12:30	13:00	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT HPU MOTORS.	
13:00	00:00	11:00	DIRECTIONAL DRILLING FROM 5144' TO 6040' (896') 81.5 FT/HR GPM=440, TOP DRIVE RPM=45, MOTOR RPM=145, TOTAL RPM=190, OFF BOTTOM PRESSURE=1650 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-26K, TQ=10200 FT/LBS, MUD WT 9.6, VIS 40	
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 6040' TO 6457' (417') 69.5 FT/HR GPM=440, TOP DRIVE RPM=55, MOTOR RPM=145, TOTAL RPM=200, OFF BOTTOM PRESSURE=1725 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-26K, TQ=11500 FT/LBS, MUD WT 9.7, VIS 40	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, BOILER SAFETY, LO/TO SAFETY MEETING NIGHTS: PPE, SWA, LO/TO, FORKLIFT OPERATIONS REGULATORY VISITS: NONE. INCIDENTS: NONE. REGULATORY NOTICES:SENT PRODUCTION CASING NOTICE @ 00:00 10/31/2014 DRILLS: NONE. DAYLIGHT: 4 CREW MEMBERS NIGHTS: 4 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE		Used	Received	Transferred	On Hand	Cum.Used
Fluid		840.0	0.0	0.0	2,170.0	4,395.0
Fuel						
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea					0.0	
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/145	440	1,725	2.14	23.50	1,993	84.81	52.00	5,380	103.46

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6301	7/8	1,077		10/28/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	26	0.33	23.50	1,993	84.81	52.00	5,380	103.46			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/31/2014	7,064	1.8	175.45	6,926	869.6	849.92	-188.23	0.5	MWD Survey Tool		
10/31/2014	6,999	1.7	165.02	6,861	871.5	851.86	-188.55	0.5	MWD Survey Tool		
10/31/2014	6,909	1.3	161.94	6,771	873.8	854.09	-189.21	0.5	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.7	Alk.	2.4	Sand %		XS Lime lb/bbl			
Temp.	85	Gels 10sec	5	Cl ppm	2,000	Solids %	9.0	Salt bbls			
Visc	40	Gels 10min	11	Ca ppm	10	LGS %	8.0	LCM ppb			
PV	11	pH	9.3	pF	1.5	Oil %		API WL cc	8.0		
YP	9	Filter Cake/32	1	Mf	5.5	Water %	91.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	ANCO BAR 113, HI-YIELD GEL 22, MICA 30, PHPA 8, SAWDUST 256, FLOWZAN 4, WALNUT 8, ECO-SEAL 15, PAC LV 14, CAL-CARB 16, TRAILER RENTAL 1, ENGINEER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,725	GPM	440	SPR	43	Slow PSI	278
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	43	Slow PSI	272
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	886.7			Hours on BHA	52
Up Weight	160.000	Dn Weight	105.000	RT Weight	130.000			Torque	11.500			Hours on Motor	52

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153346	HUGHES T506
2	MUD MOTOR	6.500	0.000	28.05		6301	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	1,339	6,231	7,500
8100..320: Mud & Chemicals	8,922	18,907	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	125,040	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,707	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,900	5,000	8100..520: Trucking & Hauling	727	727	10,000
8100..530: Equipment Rental	3,225	15,281	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	5,928	7,000	8100..535: Directional Drillin	8,150	28,950	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	19,200	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,593	30,448		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	3,834	108,339	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	56,440	433,755	717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 11/01/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	7,064'	FOOTAGE	607'	PRATE	41.9	CUM. DRLG. HRS	73.5	DRLG DAYS SINCE SPUD	3	
ANTICIPATED TD	7,078'	PRESENT OPS	Logging at 7,064'				GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:	0	DH:	500		
MUD COMPANY:				MUD ENGINEER:						
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	7,050	SSE	0	SSED	0	

TIME BREAKDOWN										
COND MUD & CIRCULATE	1.00	DIRECTIONAL DRILLING	14.50	RIG SERVICE	0.50					
TRIPPING	7.00	WIRELINE	0.50	WORK BHA	0.50					

DETAILS										
Start	End	Hrs								
06:00	13:30	07:30	DIRECTIONAL DRILLING FROM 6457' TO 6864' (407') 54.3 FT/HR GPM=405, TOP DRIVE RPM=55, MOTOR RPM=133, TOTAL RPM=188, OFF BOTTOM PRESSURE=1500 PSI, DIFF PRESSURE=250-450 PSI, WOB=22-26K, TQ=11500 FT/LBS, MUD WT 9.5, VIS 38 SHAKER SCREEN ON WHEN ENTERING CASTLE PEAK (6528')- 300BBLS LOST FROM 6457' TO 6864' - PUMP STROKES LOWERED TO 110 STROKES 405GPM TO HELP WITH LOSSES - MIXING SAWDUST 30SXS HR PREVENTIVE & SENDING 30BBLS 10% LCM SWEEPS FOR LOSSES							
13:30	14:00	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT HPU MOTORS.							
14:00	21:00	07:00	DIRECTIONAL DRILLING FROM 6854' TO 7064' TD (210') 30 FT/HR GPM=405, TOP DRIVE RPM=45, MOTOR RPM=133, TOTAL RPM=178, OFF BOTTOM PRESSURE=1525 PSI, DIFF PRESSURE=250-550 PSI, WOB=22-26K, TQ=12100 FT/LBS, MUD WT 9.7, VIS 40							
21:00	22:00	01:00	CIRCULTE - PUMP HIGH VIS SWEEP							
22:00	05:00	07:00	T.O.O.H. FROM 7064' TO 98' - PUMP AND ROTATE OUT FROM 7064' TO 5500' - WORK TIGHT SPOTS @ 6840', 6587', AND 6024'							
05:00	05:30	00:30	DIRECTIONAL WORK - LAY DOWN DIRECTIONAL TOOLS - PULL MWD TOOL - BREAK BIT - DRAIN MUD MOTOR AND LAY DOWN SAME							
05:30	06:00	00:30	RIG UP LOGGERS							
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, MANUAL LIFTING, MIXING CHEMICALS							
			SAFETY MEETING NIGHTS: PPE, SWA, TRIPPING PIPE, LAYING DOWN DIRECTIONAL TOOLS							
			REGULATORY VISITS: NONE.							
			INCIDENTS: NONE.							
			REGULATORY NOTICES: SENT BOP TEST NOTICE FOR THE TR FED 4-311-820 @ 0500 11/1/14.							
			DRILLS: NONE.							
			DAYLIGHT: 4 CREW MEMBERS							
			NIGHTS: 4 CREW MEMBERS							

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	2,300.0	3,000.0	0.0	2,870.0	6,695.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153346	12/12/12/12/12	0.663	1,077	7,064	1-4-WT-S-X-1/16-LN-TD	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/145	440	1,900	2.14	14.50	607	41.86	66.50	5,987	90.03

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6301	7/8	1,077	7,064	10/28/2014	11/01/2014		

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	29	0.33	14.50	607	41.86	66.50	5,987	90.03			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/31/2014	7,064	1.8	175.45	6,926	869.6	849.92	-188.23	0.5	MWD Survey Tool		
10/31/2014	6,999	1.7	165.02	6,861	871.5	851.86	-188.55	0.5	MWD Survey Tool		
10/31/2014	6,909	1.3	161.94	6,771	873.8	854.09	-189.21	0.5	MWD Survey Tool		

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,900	GPM	440	SPR	43	Slow PSI	278
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	43	Slow PSI	272
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	886.7			Hours on BHA	67
Up Weight	185,000	Dn Weight	110,000	RT Weight	150,000			Torque	11,800			Hours on Motor	67

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153346	HUGHES T506
2	MUD MOTOR	6.500	0.000	28.05		6301	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	6,231	7,500	
8100..320: Mud & Chemicals	28,997	47,904	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	144,465	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,610	19,317	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,900	5,000	8100..520: Trucking & Hauling	727	10,000	
8100..530: Equipment Rental	3,225	18,506	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	6,353	7,000	8100..535: Directional Drillin	8,150	37,100	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	24,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	8,209	38,657		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		108,339	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	82,841	516,596	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 11/02/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	7,064'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 73.5		DRLG DAYS SINCE SPUD	4	
ANTICIPATED TD	7,078'	PRESENT OPS			Tripping in hole at 7,064'		GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	0	DH:	120	CUM. MUD LOSS	SURF:	0	DH:	620
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL		
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,050	SSE	0	SSED 0

TIME BREAKDOWN	CASING & CEMENT	18.00	RIG SERVICE	0.50	TRIPPING	0.50
	WIRELINE	5.00				

DETAILS	Start	End	Hrs	
	06:00	11:00	05:00	R/U HALLIBURTON WIRELINE, SAFETY MEETING AND RUN LOGS, LINE SPEED DOWN 200 FPM, LINE SPEED UP 60 FPM / LOGGERS DEPTH 6526',TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, HOLE FINDER
	11:00	11:30	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT HPU MOTORS.
	11:30	17:30	06:00	R/U AND RUN 47 JOINTS 5 1/2" N-80 AND 103 JOINTS 5 1/2" J-55, 17#, LT&C CASING + 2 MARKER JOINTS +FLOAT SHOE AND FLOAT COLLAR. THREAD LOCK FIRST TWO JOINTS - RUN CENTRALIZERS ON FIRST 4 JOINTS THEN EVERY 3RD TO SURFACE CASING.
	17:30	21:00	03:30	HIT BRIDGE @ 6549' BENT ONE JOINT OF CASING - LAYDOWN DAMAGED JOINT, CHANGE OUT COLLAR ON JOINT IN THE TABLE, MAKE UP NEW JOINT - ATTEMPT TO WASH PAST BRIDGE WORK PIPE - WORK PIPE UP LAY DOWN TWO JOINTS, MAKE TWO JOINTS BACK UP WASH DOWN TO 6549' NO PROGRESS MADE - BUILD SLUG SETUP PIPE RACKS HOLD SAFETY MEETING ON LAYING DOWN CASING
	21:00	05:30	08:30	LAY DOWN 5.5" CASING FROM 6549' TO 0' - RIG DOWN CASING RUNNING EQUIPMENT
	05:30	06:00	00:30	MAKE UP BIT AND BIT SUB - T.I.H. FROM 0' TO 550'
	05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, RUNNING CSG
				SAFETY MEETING NIGHTS: PPE, SWA, LAYING DOWN CSG
				REGULATORY VISITS: NONE.
				INCIDENTS: NONE.
				REGULATORY NOTICES:
				DRILLS: NONE.
				DAYLIGHT: 4 CREW MEMBERS
				NIGHTS: 4 CREW MEMBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid	840.0	0.0	0.0	2,030.0	7,535.0
Fuel					
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077	7,064	1-4-WT-S-X-1/16-LN-TD

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1		55/145	440	1,900	2.14	14.50	607	41.86	66.50	5,987	90.03

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	1	6.500	HUNTING	ARROW	6301	7/8	1,077	7,064	10/28/2014	11/01/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1	29	0.33	14.50	607	41.86	66.50	5,987	90.03

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
	10/31/2014	7,064	1.8	175.45	6,926	869.6	849.92	-188.23	0.5	MWD Survey Tool
	10/31/2014	6,999	1.7	165.02	6,861	871.5	851.86	-188.55	0.5	MWD Survey Tool
	10/31/2014	6,909	1.3	161.94	6,771	873.8	854.09	-189.21	0.5	MWD Survey Tool

MUD PROPERTIES	Type	LSND	Mud Wt	9.8	Alk.	2.0	Sand %		XS Lime lb/bbl	
	Temp.	120	Gels 10sec	3	Cl ppm	2,300	Solids %	10.0	Salt bbls	
	Visc	44	Gels 10min	6	Ca ppm	10	LGS %	9.0	LCM ppb	
	PV	13	pH	9.1	pF	1.0	Oil %		API WL cc	8.0
	YP	10	Filter Cake/32	1	Mf	3.0	Water %	89.0	HTHP WL cc	
	O/W Ratio		ES		WPS					
Comments:	ANCO BAR 116, SAWDUST 305, FLOWZAN 2, MEGA-CIDE 2, PAC LV 2, PALLETS & SHRINK WRAP 22, TRAILER RENTAL 1, ENGINEER 1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION	Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	1,900	GPM	440	SPR	43	Slow PSI	278
	Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	43	Slow PSI	272
	Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE								Length	886.7	Hours on BHA	67		
Up Weight	185,000	Dn Weight	110,000	RT Weight	150,000				Torque	11,800	Hours on Motor	67		

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153346	HUGHES T506
2	MUD MOTOR	6.500	0.000	28.05		6301	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	420	6,651	7,500
8100..320: Mud & Chemicals	6,867	54,771	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	163,890	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		19,317	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	1,246	5,146	5,000	8100..520: Trucking & Hauling		727	10,000
8100..530: Equipment Rental	3,225	21,731	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	6,778	7,000	8100..535: Directional Drillin	8,150	45,250	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole	12,309	12,309	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	28,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	6,255	44,912		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	96,002	204,340	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	159,124	675,719	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 11/03/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	7,064'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 73.5		DRLG DAYS SINCE SPUD	5	
ANTICIPATED TD	7,078'	PRESNET OPS	Circulate at 7,064'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	130	CUM. MUD LOSS	SURF:	0	DH:	750
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,050	SSE	0	SSED 0

TIME BREAKDOWN	CASING & CEMENT	8.50	COND MUD & CIRCULATE	1.00	REAMING	3.00
	RIG REPAIRS	0.50	TRIPPING	11.00		

DETAILS	Start	End	Hrs	
	06:00	09:00	03:00	T.I.H. FROM 550' TO 4440'
	09:00	09:30	00:30	RIG SERVICE
	09:30	11:30	02:00	T.I.H FROM 4440' TO 6530'
	11:30	14:30	03:00	WASH AND REAM FROM 6530' TO 7064' - TRIED TO GET PAST 6549' WHERE CASING STOPPED WITHOUT SUCCESS - REAMED THROUGH THAT SPOT THEN WORKED THROUGH IT WITH & WITHOUT ROTARY - THEN TRIED GETTING TO BOTTOM WITH NO ROTARY & 8BBLs MIN PUMP UNSUCCESSFULLY (SEEMED TO BE PUSHING SOMETHING DOWN WITH US) WASHED WITH 10-15K WT ON BIT 75RPM & 8BBL MIN PUMP ATTEMPTING TO NOT PASS WHAT WE WERE CHASING TO BOTTOM
	14:30	15:30	01:00	CIRCULATE
	15:30	21:30	06:00	T.O.O.H. FROM 7064' TO 0' (PUMP AND ROTATE FROM 7064' TO 5900')
	21:30	06:00	08:30	RIG UP AND RUN 46 JOINTS 5 1/2" N-80 AND 114 JOINTS 5 1/2" J-55, 17#, LT&C CASING + 2 MARKER JOINTS +FLOAT SHOE AND FLOAT COLLAR. THREAD LOCK FIRST TWO JOINTS - RUN CENTRALIZERS ON FIRST 4 JOINTS THEN EVERY 3RD TO SURFACE CASING - CASING SET @ 7040' RKB. WASH AND WORK THROUGH SPOTS @ 6650,6713
	05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, REAMING, TRIPPING PIPE SAFETY MEETING NIGHTS: PPE, SWA, TRIPPING PIPE, RUNNING CSG, CEMENTING REGULATORY VISITS: NONE. INCIDENTS: NONE. REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 4 CREW MEMBERS NIGHTS: 4 CREW MEMBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Fluid	Used	Received	Transferred	On Hand	Cum.Used
	Fuel	970.0	3,000.0	0.0	4,060.0	8,505.0
	Gas					
	Fresh Well Water					
	Nano Water					
	Frac Water					
	Reserve Pit Water					
	Boiler Hours					
	Air Heater Hours					
	Urea				0.0	
	Urea Sys 1 Hrs					
	Urea Sys 2 Hrs					
	Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	11/03/2014	5 1/2	N-80	17	7,040		
Production	11/03/2014	5 1/2	J-55	17	5,014		
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077	7,064	1-4-WT-S-X-1/16-LN-TD

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1		55/145	440	1,900	2.14	14.50	607	41.86	66.50	5,987	90.03

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	1	6.500	HUNTING	ARROW	6301	7/8	1,077	7,064	10/28/2014	11/01/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1	29	0.33	14.50	607	41.86	66.50	5,987	90.03

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
	10/31/2014	7,064	1.8	175.45	6,926	869.6	849.92	-188.23	0.5	MWD Survey Tool
	10/31/2014	6,999	1.7	165.02	6,861	871.5	851.86	-188.55	0.5	MWD Survey Tool
	10/31/2014	6,909	1.3	161.94	6,771	873.8	854.09	-189.21	0.5	MWD Survey Tool

MUD PROPERTIES	Type	LSND	Mud Wt	9.7	Alk.	2.0	Sand %		XS Lime lb/bbl	
	Temp.	120	Gels 10sec	4	Cl ppm	2,800	Solids %	8.0	Salt bbls	
	Visc	42	Gels 10min	10	Ca ppm	10	LGS %	6.0	LCM ppb	
	PV	14	pH	9.7	pF	1.0	Oil %		API WL cc	8.8
	YP	7	Filter Cake/32	1	Mf	2.0	Water %	89.0	HTHP WL cc	
	O/W Ratio		ES		WPS					
Comments:	ANCO BAR 156, HI-YIELD GEL 39, LIME 8, PHPA 1, MEGA-CIDE 3, ECO-SEAL 5, PAC LV 8, PALLETS & SHRINK WRAP 14, TRAILER RENTAL 1, ENGINEER 1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION	Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	900	GPM	440	SPR	43	Slow PSI	278
	Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR	43	Slow PSI	272
	Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
	BHA Makeup	STEARABLE							Length	797.3		Hours on BHA	67	
	Up Weight	175,000	Dn Weight	115,000	RT Weight	150,000			Torque	10,200		Hours on Motor	67	



BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		XXXX	SMITH 527
2	BIT SUB	6.000		2.90		RIG	4.5 XH P x B
3	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
4	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
5	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
6	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		6,651	7,500
8100..320: Mud & Chemicals	6,935	61,706	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	183,315	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,605	28,922	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		5,146	5,000	8100..520: Trucking & Hauling		727	10,000
8100..530: Equipment Rental	3,225	24,956	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	7,203	7,000	8100..535: Directional Drillin	4,500	49,750	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole		12,309	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	33,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,767	50,679		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	3,514	207,854	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	58,196	733,915	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 11/04/2014

WELL NAME	THREE RIVERS FED 33-34-720			AFE#	141047		SPUD DATE	10/29/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	7,064'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 73.5		DRLG DAYS SINCE SPUD	5	
ANTICIPATED TD	7,078'	PRESENT OPS	Rig release at 7,064'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:	0	DH:	750	
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST	10/29/2014	NEXT CASING SIZE	2 7/8	NEXT CASING DEPTH		7,038	SSE	0	SSED 0

TIME BREAKDOWN	CASING & CEMENT	3.50	COND MUD & CIRCULATE	1.50	NIPPLE DOWN B.O.P.	1.00
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DETAILS				
Start	End	Hrs		
06:00	07:00	01:00	PULL ROTATING HEAD - MAKE UP MANDREL & LANDING JT & LAND CASING	
07:00	08:30	01:30	CIRCULATE AND CONDITION MUD FOR CEMENT JOB	
08:30	11:00	02:30	SAFETY MEETING WITH HALLIBURTON - PRIME PUMPS AND TEST LINES T/ 5000 PSI. MIX AND PUMP 50 BBLS 10.5 PPG TUNED SPACER FOLLOWED W/235 SACKS (146BBLS) 11 PPG LEAD CEMENT, 475 SACKS (114 BBLS) 14 PPG TAIL CEMENT. SHUT DOWN AND RELEASE WIPER PLUG, DISPLACE W/163 BBLS WATER. LAND PLUG W/ 1600 PSI AND PRESSURE TO 2100 PSI FOR 2 MINUTES. BLEED BACK 1.5 BBL FLOATS HELD. FULL RETURNS WHILE CEMENTING. 5BBLS CEMENT TO SURFACE	
11:00	12:00	01:00	NIPPLE DOWN BOP - PREP TO SKID - RIG RELEASED @ 12:00 11/3/2014	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, CEMENTING, NIPPLE DOWN BOP	
			SAFETY MEETING NIGHTS: PPE, SWA,	
			REGULATORY VISITS: NONE.	
			INCIDENTS: NONE.	
			REGULATORY NOTICES:NONE.	
			DRILLS: NONE.	
			DAYLIGHT: 4 CREW MEMBERS	
			NIGHTS: 4 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel			4,060.0	0.0	8,505.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT  
R/U, MAKE UP SHOE AND FLOAT, AND RUN 46 JOINTS OF 5.5" 17 # N-80 PRODUCTION CASING, 1 MARKER JOINT SET AT 5014', 114 JOINTS OF 5.5" 17# J-55 PRODUCTION CASING, 1 MARKER SET AT 4165', 52 CENTRALIZERS.

CEMENT JOB SUMMARY  
RU AND HOLD SAFETY MEETING W/HALLIBURTON. PRIME PUMPS AND TEST LINES T/ 5000 PSI. MIX AND PUMP 50 BBLS 10.5 PPG TUNED SPACER FOLLOWED W/235 SACKS (146BBLS) 11 PPG LEAD CEMENT, 475 SACKS (114 BBLS) 14 PPG TAIL CEMENT. SHUT DOWN AND RELEASE WIPER PLUG, DISPLACE W/163 BBLS WATER. LAND PLUG W/ 1600 PSI AND PRESSURE TO 2100 PSI FOR 2 MINUTES. BLEED BACK 1.5 BBL FLOATS HELD. FULL RETURNS WHILE CEMENTING. 5BBLS CEMENT TO SURFACE

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	11/03/2014	5 1/2	N-80	17	7,040		
Production	11/03/2014	5 1/2	J-55	17	5,014		
Surface	10/14/2014	8 5/8	J-55	24	1,057		
Conductor	09/17/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153346	12/12/12/12/12/12	0.663	1,077	7,064	1-4-WT-S-X-1/16-LN-TD	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		55/145	440	1,900	2.14	14.50	607	41.86	66.50	5,987	90.03

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6301	7/8	1,077	7,064	10/28/2014	11/01/2014		

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	29	0.33	14.50	607	41.86	66.50	5,987	90.03		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
10/31/2014	7,064	1.8	175.45	6,926	869.6	849.92	-188.23	0.5	MWD Survey Tool	
10/31/2014	6,999	1.7	165.02	6,861	871.5	851.86	-188.55	0.5	MWD Survey Tool	
10/31/2014	6,909	1.3	161.94	6,771	873.8	854.09	-189.21	0.5	MWD Survey Tool	

SURFACE PUMP/BHA INFORMATION														
Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>900</u>	GPM	<u>440</u>	SPR	<u>43</u>	Slow PSI	<u>278</u>	
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>43</u>	Slow PSI	<u>272</u>	
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>      </u>	
BHA Makeup	STEARABLE							Length	<u>797.3</u>	Hours on BHA				<u>67</u>
Up Weight	<u>175.000</u>	Dn Weight	<u>115.000</u>	RT Weight	<u>150.000</u>				Torque	<u>10.200</u>	Hours on Motor			<u>67</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		XXXX	SMITH 527
2	BIT SUB	6.000		2.90		RIG	4.5 XH P x B
3	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
4	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
5	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS
							(RUN 2)
6	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	105	6,756	7,500
8100..320: Mud & Chemicals	721	62,427	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	5,250	188,565	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		28,922	40,000	8100..410: Mob/Demob	13,471	13,471	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		5,146	5,000	8100..520: Trucking & Hauling		727	10,000
8100..530: Equipment Rental	3,225	28,181	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	1,155	8,358	7,000	8100..535: Directional Drillin		49,750	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		21,583	20,000
8100..605: Cementing Work		32,625	25,000	8100..610: P & A			
8100..700: Logging - Openhole		12,309	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	38,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,545	58,224		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work	39,817	39,817	25,000	8210..600: Production Casing	778	208,632	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	76,867	810,782	717,000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU85592
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> Three Rivers Fed 33-34-720
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0234 FNL 1825 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047542550000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/22/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. First Production occurred on the TR33-34-720 on 11/22/2014.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> December 05, 2014		
<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/4/2014	

RECEIVED

NOV 05 2014

DIV. OF OIL, GAS & MINING

3000psi - 5000psi  
system

DATE 10-28-2014

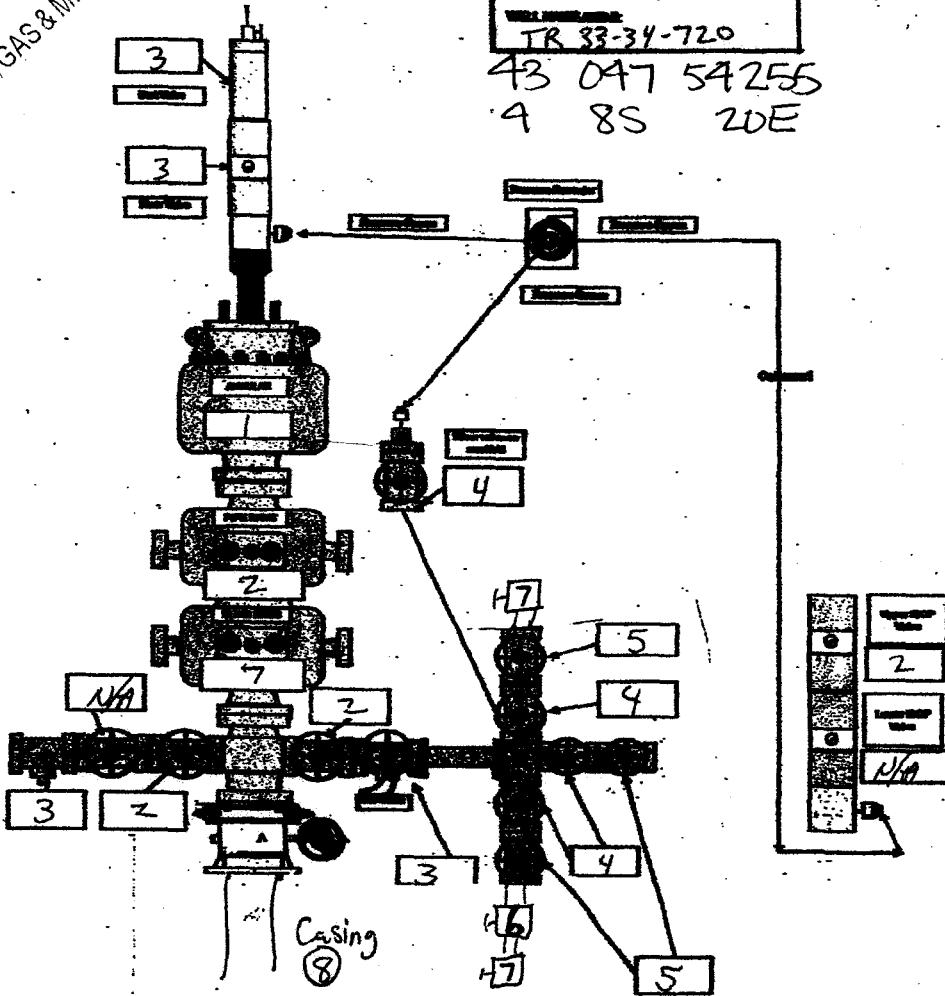
COMP: Ultra Res.

CONTRACT: Ensign 122

TR 33-34-720

43 047 54255

4 8S 2DE





DATE: 10-28-2014  
WELL: TR 33-34-720

### ACCUMULATOR FUNCTION TEST

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE  
ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR valve. (If applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind rams.
7. If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for SM and greater systems.
8. Accumulator pressure should be 200 psi over precharge pressure  
(Accumulator working pressure (1,500 psi = 750 desired psi)  
(2,000 and 3,000 psi = 1,000 desired psi)).

9. RECORD THE REMAINING PRESSURE 1,550 PSI  
If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (Isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. Open the HCR valve. (If applicable)
2. Close annular.
3. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

4. RECORD ELAPSED TIME 1 min 26 sec PSI (2 minutes or less)

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to tank.
3. Watch and record where the pressure drops (Accumulator psi).

4. RECORD THE PRESSURE DROP 900 PSI

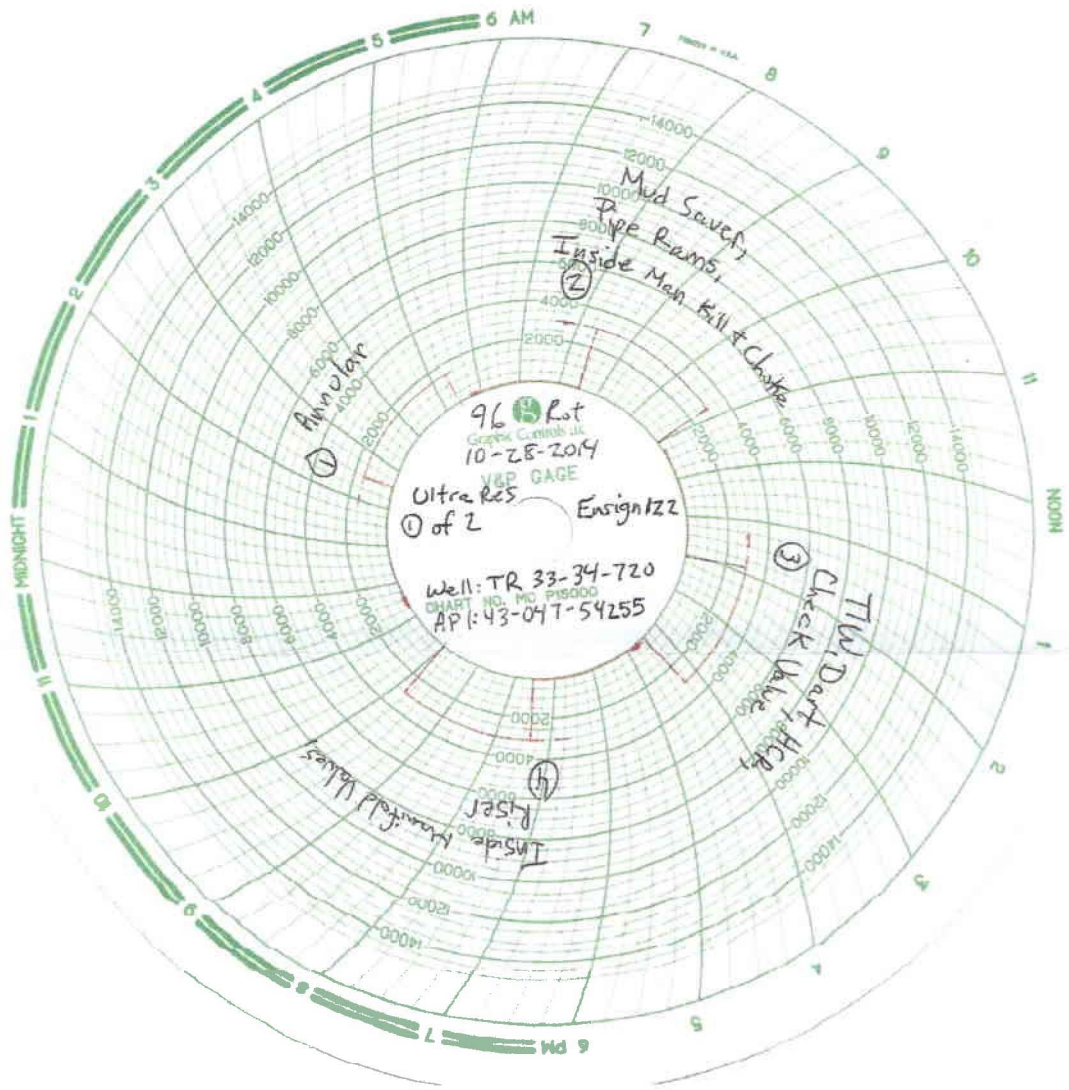
If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a gauge.

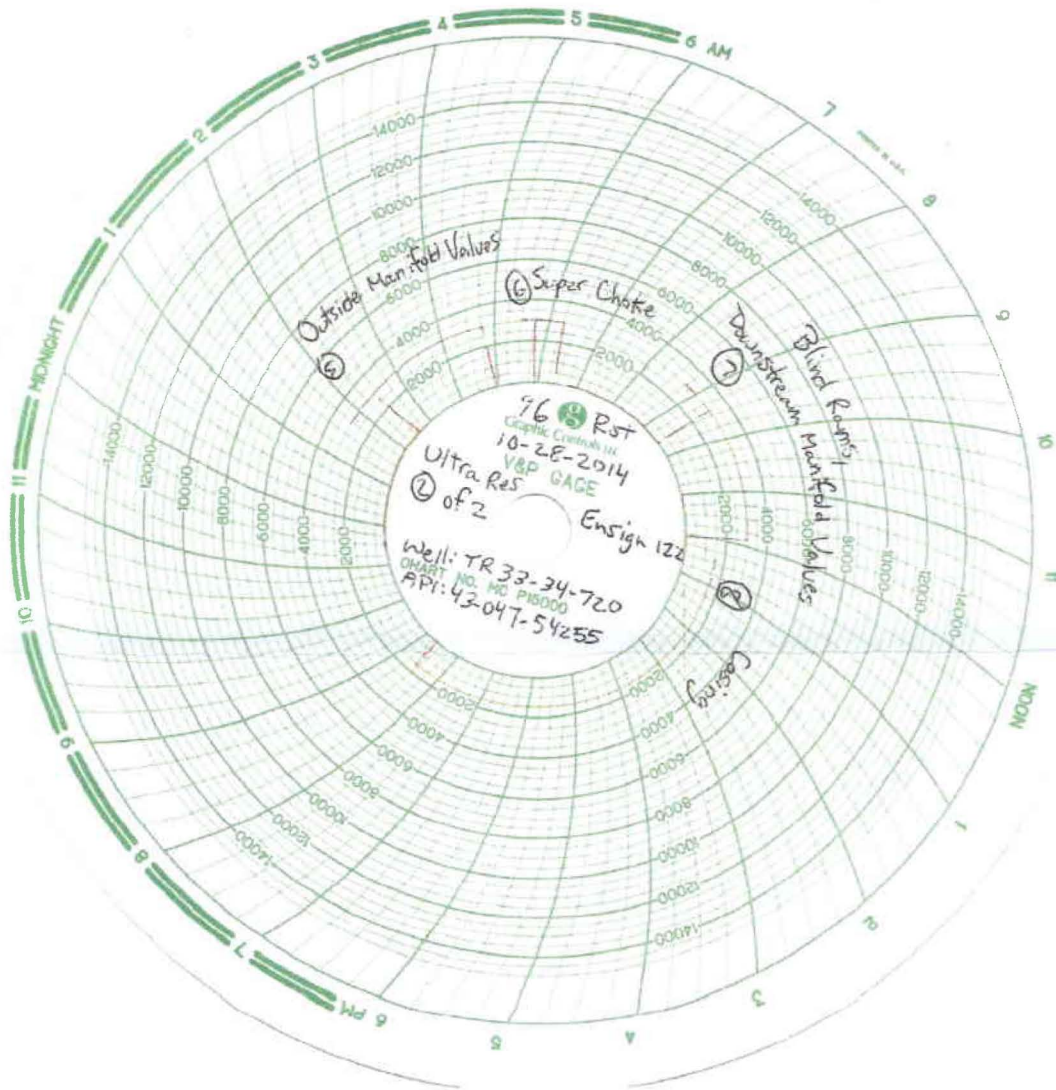
DATE 10-28-14 COMPANY **Ultrarac** **Ensign 122** WELL NAME & # **TR 33-34-720**

Time	Test No.	Results
3:45 AM OPM	1 Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
4:11 AM OPM	2 Mud Saver, Pipe Rams, Inside Man Kill + Choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
4:40 AM OPM	3 TIW, Dart, Check Valve, HCR	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:12 AM OPM	4 Inside Manifold Valves, Riser	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:39 AM OPM	5 Outside Manifold Valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:10 AM OPM	6 Super Choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6:29 AM OPM	7 Blind Rams, Downstream Manifold Valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:06 AM OPM	8 Casing	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	9	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	10	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	11	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	12	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	13	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	14	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM OPM	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches)                      W                      D                      L + 231 =                      gal

Rock Springs, WY (307) 382-3350  
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &  
 INTEGRITY TESTING  
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE





1462

**WALKER INSPECTION, LLC.**  
**REBEL TESTING • EAGER BEAVER TESTERS**  
 WYOMING • COLORADO • NORTH DAKOTA

**Daily JSA/Observation Report**

OPERATOR: Ultra ResDATE: 10-28-2014LOCATION: TR 33-34-720CONTRACTOR: Ensign 122EMPLOYEE NAME: Dustin Redmond

High Pressure Testing

COMMENTS: Safety Implimented

Working Below Platform



Requires PPE



Overhead Work is Occurring



Confined Spaces are Involved



Set up of Containment



Using Rig Hoist to Lift Tools



Other: \_\_\_\_\_

SIGNATURE: [Signature]DATE: 10-28-2014

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		

**Observation Report**

EMPLOYEE REPORTING: Dustin RedmondSIGNATURE: [Signature]Was job set up and performed correctly and to best of companies ability? ☒ Y ☐ NWas all safety equipment used correctly by all involved? ☒ Y ☐ NAny incidents or near misses to report about WI? Y ☒ NAny incidents or near misses to report in general? Y ☒ NAny spills or environmental issues to report? Y ☒ N

Basic Comments: \_\_\_\_\_



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>									
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU85592</b>			
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: <b>Ultra Resources, Inc.</b>						7. UNIT or CA AGREEMENT NAME			
3. ADDRESS OF OPERATOR: <b>304 Inverness Way So. CITY Englewood STATE CO ZIP 80112</b>						8. WELL NAME and NUMBER: <b>THREE RIVERS 33-34-720</b>			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>234 FNL 1825 FEL 40.158369 109.670794</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>675 FSL 1985 FEL 40.160863 109.671423</b>  AT TOTAL DEPTH: <b>616 FSL 1997 FEL 40.160703 109.671468</b>						9. API NUMBER: <b>4304754255</b>			
14. DATE SPUNDED: <b>9/17/2014</b>						15. DATE T.D. REACHED: <b>10/31/2014</b>		16. DATE COMPLETED: <b>11/22/2014</b>	
18. TOTAL DEPTH: MD <b>7,064</b> TVD <b>6,926</b>						19. PLUG BACK T.D.: MD <b>7,048</b> TVD <b>6,910</b>		20. IF MULTIPLE COMPLETIONS, HOW MANY? *	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>Triple Combo, CBL</b>						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			
21. ELEVATIONS (DF, RKB, RT, GL): <b>GL 4769.8</b>									
24. CASING AND LINER RECORD (Report all strings set in well)						12. COUNTY <b>Uintah</b>			
						13. STATE <b>UTAH</b>			
25. TUBING RECORD									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	120				0	
12 1/4	8 5/8 J-55	24	0	1,057		675		0	
7 7/8	5 1/2 J-55	17	0	5,014		710		0	
7 7/8	5 1/2 N-80	17	5,014	7,040		710		0	
26. PRODUCING INTERVALS									
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	27. PERFORATION RECORD				
(A) Lower GR	5,241	6,952			INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
					5,241 6,952		264	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
WAS WELL HYDRAULICALLY FRACTURED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES - DATE FRACTURED: <b>11/15/2014</b>									
DEPTH INTERVAL					AMOUNT AND TYPE OF MATERIAL				
5241 to 6952					Fracture/Stimulate 7 Stages				
29. ENCLOSED ATTACHMENTS:									
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION					<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER: _____				
30. WELL STATUS:  <b>POW</b>									

**31. INITIAL PRODUCTION****INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: <b>11/22/2014</b>	TEST DATE: <b>12/4/2014</b>	HOURS TESTED: <b>24</b>	TEST PRODUCTION RATES: →	OIL – BBL: <b>267</b>	GAS – MCF: <b>68</b>	WATER – BBL: <b>270</b>	PROD. METHOD: <b>Gas Pumpi</b>
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

Used on lease

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	3,021
				Mahogany	4,453
				Lower Green River	5,224
				Wasatch	6,958

**35. ADDITIONAL REMARKS (Include plugging procedure)**

Frac material used: 5443 gal Linear Gel, 7344 gal HC1 Acid, 624551 gal FR-66 Water, 198124 gal DeltaFrac Fluid, 803796 lbs White

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**NAME (PLEASE PRINT) Mariah DayTITLE Permitting AgentSIGNATURE DATE 12/16/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

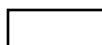
\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

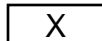
Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



Proposed



As Is

# THREE RIVERS FED 33-34-720 GL: 4,769.8, KB: 4,782.3

## Sec 4, 8S, 20E Uintah County, Utah

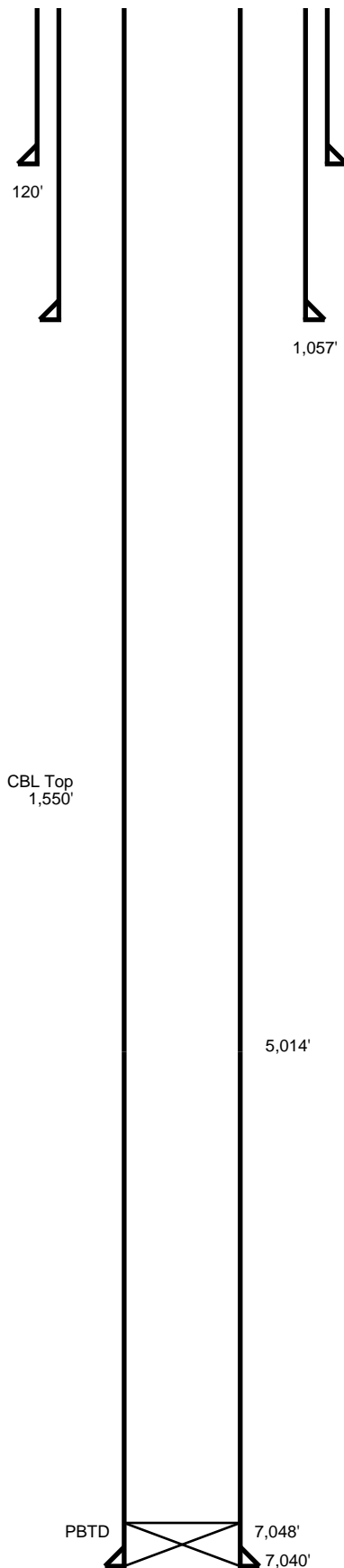
	Size	Weight	Grade	Depth	Sks/Cmt
<b>Conductor</b>	16	45	ARJ-55	120	
<b>Surface</b>	8 5/8	24	J-55	1057	675
<b>Production</b>	5 1/2	17	J-55	5014	710
<b>Production</b>	5 1/2	17	N-80	7040	710
<b>Cement Top</b>				0	

STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6951-6952	6940-6941	6903-6904	6889-6890	6872-6873	6854-6855	6829-6830
2	6707-6709	6700-6701	6688-6689	6678-6679	6669-6670	6662-6663	6657-6658
3	6568-6569	6555-6556	6518-6519	6489-6490	6460-6461	6440-6441	6415-6416
4	6305-6307	6282-6283	6270-6271	6250-6251	6240-6241	6196-6197	6179-6180
5	6081-6082	6063-6064	6052-6053	6041-6042	6019-6020	6010-6011	5999-6000
6	5686-5688	5678-5679	5674-5675	5583-5584	5571-5572	5527-5528	5518-5519
7	5384-5385	5372-5373	5348-5349	5337-5338	5329-5330	5313-5314	5306-5307

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	11/15/2014	48.0	2,183	114,340	2,700		N
2	11/15/2014	24.0	3,025	12,387	878		N
3	11/16/2014	47.0	3,135	143,750	3,004		N
4	11/16/2014	51.0	2,948	138,256	3,351		N
5	11/16/2014	49.0	2,624	163,930	4,181		N
6	11/16/2014	50.0	2,639	103,820	2,714		N
7	11/16/2014	52.0	2,465	127,313	3,066		N
Totals:				803,796	19,894		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
10/13/2014	10/29/2014	10/31/2014	11/03/2014	11/22/2014	





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 33-34-720 (234' FNL &amp; 1825' FEL) Sec 4

Field: UINAH COUNTY

Well: Three Rivers Fed 33-34-720

Facility: Sec.04-T8S-R20E

Wellbore: Three Rivers Fed 33-34-720 PWB

Plot reference wellbore is Three Rivers Fed 33-34-720 PWB

Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet

True vertical depths are referenced to Ensign 122 (RT)

North Reference: True north

Measured depths are referenced to Ensign 122 (RT)

Scale: True distance

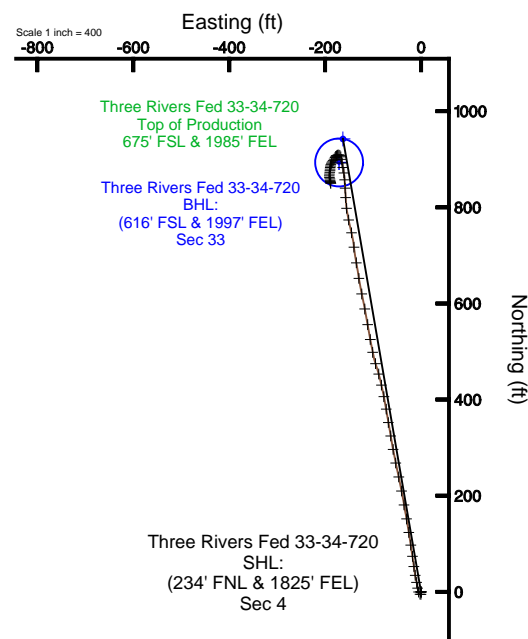
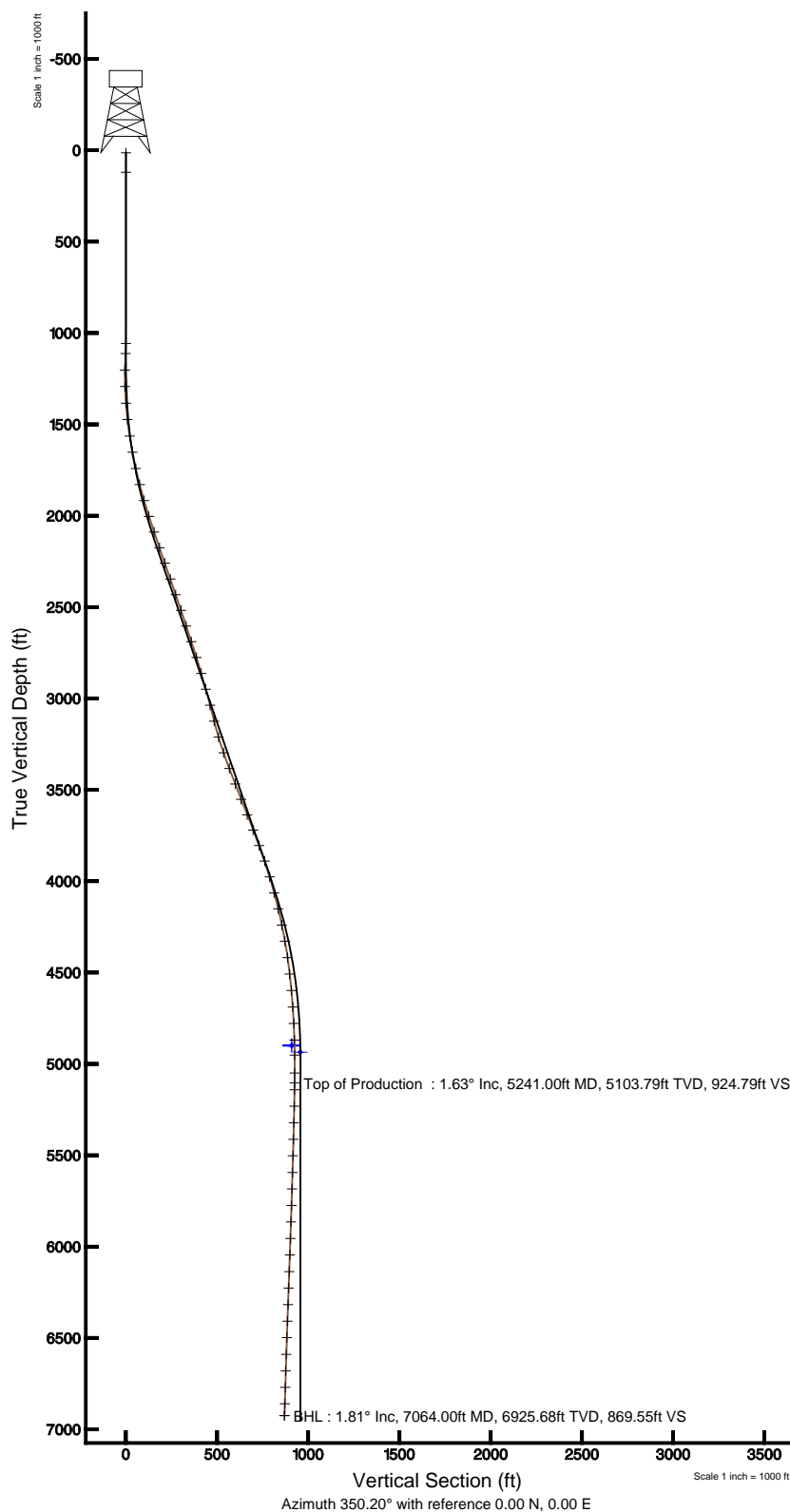
Ensign 122 (RT) to Mean Sea Level: 4782.8 feet

Depths are in feet

Mean Sea Level to Mud line (At Slot: Three Rivers Fed 33-34-720 (234' FNL &amp; 1825' FEL) Sec 4): 0 feet

Coordinates are in feet referenced to Slot

Created by: welliams on 12/12/2014





# Actual Wellpath Report

Three Rivers Fed 33-34-720 AWP

Page 1 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 AWB
Facility	Sec.04-T8S-R20E		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	12/12/2014 at 12:44:01 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_33-34-720_AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1014.00	-1479.88	2151627.28	7231638.49	40°09'30.130"N	109°40'14.860"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

## WELLPATH DATUM

Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4782.80ft
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4782.80ft
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4)	4782.80ft
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	347.51°





# Actual Wellpath Report

Three Rivers Fed 33-34-720 AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 AWB
Facility	Sec.04-T8S-R20E		

## WELLPATH DATA (72 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	177.140	0.00	0.00	0.00	0.00	40°09'30.130"N	109°40'14.860"W	0.00	
13.00	0.000	177.140	13.00	0.00	0.00	0.00	40°09'30.130"N	109°40'14.860"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°09'30.130"N	109°40'14.860"W	0.00	
1057.00	0.000	0.000	1057.00	0.00	0.00	0.00	40°09'30.130"N	109°40'14.860"W	0.00	
1112.00	3.490	177.140	1111.97	-1.65	-1.67	0.08	40°09'30.113"N	109°40'14.859"W	6.35	
1203.00	1.410	200.360	1202.88	-5.32	-5.49	-0.17	40°09'30.076"N	109°40'14.862"W	2.49	
1293.00	2.610	307.620	1292.84	-4.68	-5.28	-2.18	40°09'30.078"N	109°40'14.888"W	3.68	
1384.00	4.510	339.440	1383.67	0.45	-0.66	-5.07	40°09'30.123"N	109°40'14.925"W	2.94	
1474.00	6.320	350.720	1473.27	8.90	7.54	-7.12	40°09'30.205"N	109°40'14.952"W	2.32	
1565.00	8.790	348.960	1563.47	20.86	19.31	-9.26	40°09'30.321"N	109°40'14.979"W	2.73	
1655.00	10.690	348.740	1652.17	36.08	34.25	-12.20	40°09'30.468"N	109°40'15.017"W	2.11	
1746.00	12.590	353.850	1741.30	54.37	52.39	-14.91	40°09'30.648"N	109°40'15.052"W	2.37	
1837.00	14.580	351.340	1829.75	75.66	73.58	-17.70	40°09'30.857"N	109°40'15.088"W	2.28	
1927.00	16.220	351.030	1916.51	99.51	97.19	-21.37	40°09'31.090"N	109°40'15.135"W	1.82	
2018.00	17.810	351.030	2003.53	126.09	123.49	-25.52	40°09'31.350"N	109°40'15.189"W	1.75	
2108.00	19.000	350.240	2088.92	154.46	151.53	-30.15	40°09'31.627"N	109°40'15.248"W	1.35	
2199.00	19.000	349.350	2174.97	184.07	180.69	-35.40	40°09'31.916"N	109°40'15.316"W	0.32	
2289.00	19.000	350.060	2260.06	213.34	209.51	-40.63	40°09'32.200"N	109°40'15.383"W	0.26	
2380.00	19.310	347.940	2346.03	243.19	238.82	-46.33	40°09'32.490"N	109°40'15.457"W	0.84	
2471.00	18.780	347.240	2432.04	272.88	267.82	-52.71	40°09'32.777"N	109°40'15.539"W	0.63	
2561.00	18.690	350.850	2517.28	301.77	296.19	-58.21	40°09'33.057"N	109°40'15.610"W	1.29	
2652.00	17.900	348.650	2603.68	330.31	324.29	-63.28	40°09'33.335"N	109°40'15.675"W	1.15	
2742.00	18.690	351.650	2689.13	358.52	352.12	-68.09	40°09'33.610"N	109°40'15.737"W	1.37	
2833.00	17.720	350.320	2775.58	386.89	380.20	-72.54	40°09'33.887"N	109°40'15.794"W	1.16	
2924.00	15.820	348.120	2862.70	413.13	405.99	-77.42	40°09'34.142"N	109°40'15.857"W	2.20	
3014.00	15.910	347.940	2949.27	437.73	430.06	-82.53	40°09'34.380"N	109°40'15.923"W	0.11	
3105.00	14.490	344.240	3037.09	461.57	453.22	-88.22	40°09'34.609"N	109°40'15.996"W	1.89	
3195.00	14.580	341.820	3124.21	484.09	474.82	-94.82	40°09'34.822"N	109°40'16.081"W	0.68	
3286.00	16.220	349.050	3211.95	508.19	498.18	-100.81	40°09'35.053"N	109°40'16.158"W	2.77	
3376.00	19.090	350.060	3297.70	535.47	525.02	-105.73	40°09'35.318"N	109°40'16.222"W	3.21	
3467.00	21.520	350.060	3383.04	567.01	556.13	-111.18	40°09'35.626"N	109°40'16.292"W	2.67	
3558.00	20.900	348.250	3467.88	599.92	588.46	-117.37	40°09'35.945"N	109°40'16.372"W	0.99	
3648.00	20.680	348.820	3552.02	631.86	619.77	-123.72	40°09'36.255"N	109°40'16.454"W	0.33	
3739.00	21.790	350.940	3636.84	664.78	652.21	-129.50	40°09'36.575"N	109°40'16.528"W	1.48	
3829.00	21.080	349.930	3720.61	697.63	684.64	-134.96	40°09'36.896"N	109°40'16.598"W	0.89	
3920.00	21.210	353.060	3805.49	730.36	717.10	-139.81	40°09'37.216"N	109°40'16.661"W	1.25	
4010.00	18.500	347.060	3890.14	760.85	747.18	-144.97	40°09'37.514"N	109°40'16.727"W	3.76	
4101.00	16.260	347.240	3976.98	788.03	773.68	-151.02	40°09'37.776"N	109°40'16.805"W	2.46	
4192.00	15.290	353.450	4064.56	812.71	798.03	-155.21	40°09'38.016"N	109°40'16.859"W	2.14	
4282.00	13.520	356.230	4151.72	834.91	820.32	-157.25	40°09'38.236"N	109°40'16.885"W	2.11	
4373.00	11.620	358.040	4240.54	854.44	840.09	-158.26	40°09'38.432"N	109°40'16.898"W	2.13	
4463.00	10.530	355.940	4328.86	871.49	857.36	-159.16	40°09'38.602"N	109°40'16.910"W	1.29	
4554.00	7.910	348.960	4418.68	885.98	871.80	-160.94	40°09'38.745"N	109°40'16.933"W	3.13	
4645.00	6.410	348.960	4508.97	897.31	882.93	-163.12	40°09'38.855"N	109°40'16.961"W	1.65	
4735.00	5.700	352.840	4598.47	906.79	892.30	-164.64	40°09'38.948"N	109°40'16.980"W	0.91	



# Actual Wellpath Report

Three Rivers Fed 33-34-720 AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (72 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4826.00	4.110	350.720	4689.13	914.54	900.00	-165.72	40°09'39.024"N	109°40'16.995"W	1.76	
4916.00	2.920	335.120	4778.96	920.00	905.26	-167.21	40°09'39.076"N	109°40'17.014"W	1.68	
5007.00	1.810	309.830	4869.89	923.40	908.29	-169.29	40°09'39.106"N	109°40'17.040"W	1.65	
5089.00	1.680	274.040	4951.85	924.77	909.20	-171.48	40°09'39.115"N	109°40'17.069"W	1.32	
5188.00	1.590	249.060	5050.81	924.98	908.81	-174.21	40°09'39.111"N	109°40'17.104"W	0.72	
5241.00†	1.626	239.202	5103.79	924.64	908.16	-175.54	40°09'39.105"N	109°40'17.121"W	0.53	Top of Production
5279.00	1.680	232.530	5141.77	924.23	907.55	-176.45	40°09'39.098"N	109°40'17.133"W	0.53	
5369.00	0.990	221.160	5231.75	923.21	906.16	-178.01	40°09'39.085"N	109°40'17.153"W	0.82	
5460.00	2.390	207.630	5322.71	921.30	903.89	-179.41	40°09'39.062"N	109°40'17.171"W	1.59	
5551.00	2.610	211.250	5413.62	918.35	900.43	-181.36	40°09'39.028"N	109°40'17.196"W	0.30	
5641.00	1.990	217.020	5503.55	915.85	897.44	-183.36	40°09'38.998"N	109°40'17.222"W	0.73	
5732.00	2.210	215.040	5594.49	913.64	894.74	-185.32	40°09'38.972"N	109°40'17.247"W	0.25	
5822.00	1.990	201.160	5684.43	911.17	891.86	-186.88	40°09'38.943"N	109°40'17.267"W	0.61	
5913.00	1.810	198.160	5775.38	908.62	889.02	-187.90	40°09'38.915"N	109°40'17.280"W	0.23	
6003.00	2.120	194.720	5865.32	905.91	886.06	-188.77	40°09'38.886"N	109°40'17.291"W	0.37	
6094.00	1.900	187.320	5956.27	903.00	882.94	-189.39	40°09'38.855"N	109°40'17.299"W	0.37	
6184.00	2.120	181.630	6046.21	899.98	879.79	-189.63	40°09'38.824"N	109°40'17.302"W	0.33	
6275.00	2.120	186.260	6137.15	896.75	876.44	-189.86	40°09'38.791"N	109°40'17.305"W	0.19	
6365.00	2.210	191.550	6227.09	893.59	873.08	-190.39	40°09'38.758"N	109°40'17.312"W	0.24	
6456.00	2.390	186.920	6318.01	890.20	869.48	-190.97	40°09'38.722"N	109°40'17.320"W	0.28	
6547.00	2.300	183.350	6408.94	886.65	865.77	-191.30	40°09'38.686"N	109°40'17.324"W	0.19	
6637.00	1.990	161.760	6498.88	883.36	862.48	-190.92	40°09'38.653"N	109°40'17.319"W	0.95	
6728.00	2.120	171.630	6589.82	880.11	859.32	-190.18	40°09'38.622"N	109°40'17.309"W	0.41	
6818.00	1.680	170.750	6679.77	877.13	856.37	-189.72	40°09'38.593"N	109°40'17.304"W	0.49	
6909.00	1.280	161.940	6770.74	874.79	854.09	-189.19	40°09'38.570"N	109°40'17.297"W	0.50	
6999.00	1.680	165.020	6860.71	872.47	851.86	-188.54	40°09'38.548"N	109°40'17.288"W	0.45	
7064.00	1.810	175.450	6925.68	870.50	849.91	-188.21	40°09'38.529"N	109°40'17.284"W	0.53	BHL



## Actual Wellpath Report

Three Rivers Fed 33-34-720 AWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 AWB
Facility	Sec.04-T8S-R20E		

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Target Box 400' X 400' Center @ 660' FSL & 1980' FEL		4900.00	893.54	-170.81	2151438.25	7232528.27	40°09'38.960"N	109°40'17.060"W	point
Three Rivers Fed 33-34-720 Target Radius: 50' (660' FSL & 1980' FEL) Sec 33		4900.00	893.54	-170.81	2151438.25	7232528.27	40°09'38.960"N	109°40'17.060"W	circle
Three Rivers Fed 33-34-720 Driller's Target Radius: 5' 709' FSL & 1972' FEL		4936.00	942.46	-162.81	2151445.25	7232577.34	40°09'39.443"N	109°40'16.957"W	circle

### WELLPATH COMPOSITION - Ref Wellbore: Three Rivers Fed 33-34-720 AWB Ref Wellpath: Three Rivers Fed 33-34-720 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers Fed 33-34-720 AWB
120.00	1057.00	Unknown Tool (Standard)	Surface	Three Rivers Fed 33-34-720 AWB
1057.00	7064.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers Fed 33-34-720 AWB



## Actual Wellpath Report

Three Rivers Fed 33-34-720 AWP

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### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 33-34-720 (234' FNL & 1825' FEL) Sec 4
Area	Three Rivers	Well	Three Rivers Fed 33-34-720
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 33-34-720 AWB
Facility	Sec.04-T8S-R20E		

### WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
5241.00	1.626	239.202	5103.79	Top of Production
7064.00	1.810	175.450	6925.68	BHL

ULTRA RESOURCES, INC.  
DAILY COMPLETION REPORT FOR 11/11/2014 TO 12/05/2014

Well Name	THREE RIVERS FED 33-34-720	Frac Planned	7
Location:	UINTAH County, UTAH(NWNE 4 8S 20E)	AFE#	141047
Total Depth Date:	10/31/2014 TD 7,064	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 5,014	GL:	KB: 4,782

Date: 11/11/2014			
Supervisor:		Duncan	
Work Objective:		Nipple up BOP	
Contractors:		Knight, BC Trucking	
Completion Rig:		Casedhole Sol	Supervisor Phone: 435-828-1472
Upcoming Activity:		Prep for frac work	
Activities			
0800-0900		MINU Knight 5K BOP.	
0900-1400		Wait on TR_4-311-820	
1400-1730		MIRU CHS WLU, run 4.65" gauge ring fr/surface to 6997'. POH w/gauge ring. Run CBL/GR/CCL fr/6985' to surface. TOC @ 1550'. RDMO WLU.	
Costs (\$):		Daily: 5,830	Cum: 9,430
		AFE:	1,298,141

Date: 11/12/2014			
Supervisor:		Duncan	
Work Objective:		Prep for frac work	
Contractors:		R&R, Rhetts	
Completion Rig:		(Missing)	Supervisor Phone: 435-828-1472
Upcoming Activity:		Pressure test	
Activities			
0800-1700		MI set frac and flow back tanks. RU flow back iron.	
Costs (\$):	Daily: 2,118	Cum: 11,548	AFE: 1,298,141

Date: 11/13/2014			
Supervisor:		Duncan	
Work Objective:		Testing	
Contractors:		RBS, R&R, Sunrise	
Completion Rig:		(Missing)	Supervisor Phone: 435-828-1472
Upcoming Activity:		Perforating	
Activities			
0800-1700		MIRU RBS test unit, test casing, WH, and flow back iron to 4250 psi. Good test. RDMO tester. Install live load and suction manifolds.	
Costs (\$):	Daily:	16,202	Cum: 27,749 AFE: 1,298,141

Date: 11/14/2014			
Supervisor:		Duncan/O'Brien	
Work Objective:		Perforating	
Contractors:		CHS,R&R,Protechnic,HAL-WL,HAL-FRAC,,	
Completion Rig:		Casedhole Sol, HAL RED T4	Supervisor Phone: 435-828-1472/307-260-5789
Upcoming Activity:		RU frac equipment	
Activities			
0700-1000		Perforate stage 1 (6732'-6952').	
1800-1801		MORU HAL-WL.	
0000-1430		MORU. frac equip.	
Costs (\$):	Daily: 6,000	Cum: 33,749	AFE: 1,298,141

Date: 11/15/2014			
Supervisor:		O'Brien/Scott/Hutchinson	
Work Objective:		Perf, Frac, and Flowback	
Contractors:		R&R,Protechnic,HAL-WL,HAL-FRAC,	
Completion Rig:		Hal, HAL RED T4	Supervisor Phone: 307-350-8487/307-260-5789
Upcoming Activity:		Perf, Frac, and Flowback	
Activities			
0000-1430		MORU. frac equip.	
1430-1800		Bucket & loop test. Wait for chemicals. Work on pumps.	
1800-1810		Pressure test frac lines to 5000 psi.	
1810-1825		Review location hazards. Discuss slips, trips, & falls. Review WHD operations, High Pressure pumping, FB, crane operations, chemical handling, MSDS sheets & PPE requirements. Discuss traffic control & the use of	
		land guides while backing. Review the reporting of property damage, & personnel injuries. Establish smoking	
		area & Muster area.	
1825-1945		Frac stage 1.	
1945-2055		Perforate stage 2 (6639-6709) Set 5.5" FTFP @ 6724'.	
2055-2150		Work on pump.	
2150-2223		Frac stage 2. Screened out. Call Denver.	
2223-2359		Flow well. 260 bbls.	
0000-0135		MU. guns. Reperforate stage 2. Rehead WL.	
Costs (\$):	Daily:	1,500	Cum: 35,249 AFE: 1,298,141



Date: 11/16/2014				
Supervisor:		O'Brien/Scott/Hutchinson		
Work Objective:		Perf, Frac, and Flowback		
Contractors:		R&R,Protechnic,HAL-WL,HAL-FRAC,IPS,ETS		
Completion Rig:		Hal, HAL RED T4	Supervisor Phone: 307-350-8487/307-260-5789	
Upcoming Activity:		Perf, Frac, and Flowback		
Activities				
2223-2359		Flow well. 260 bbls.		
0000-0135		MU. guns. Reperforate stage 2. Rehead WL.		
0153-0221		Could not break down formation. Pumped 52 bbls. and kept pressuring out. Call Denver. Move on to stage 3		
0221-0420		WO. TR. 4-311-820. to perf.		
0420-0625		MU. plug & guns. Perforate stage 3. (6339-6569) Set 5.5" FTFP @ 6590'.		
0625-0805		Frac stage 3.		
0805-0915		Perforate stage 4 (6120-6307). Set 5.5" FTFP @ 6327'.		
0915-1005		Wait on the TR 4-311-820.		
1005-1205		Frac stage 4.		
1205-1305		Perforate stage 5 (5909-6082). Set 5.5" FTFP @ 6106'.		
1305-1345		Wait on the TR 4-311-820.		
1345-1515		Work on pumps.		
1515-1630		Frac stage 5.		
1630-1740		Perforate stage 6 (5415-5688). Set 5.5" FTFP @ 5715'.		
1740-1920		Getting Water Straps & Frac Stage 6		
1920-2045		Perforate stage 7 (5241-5385). Set 5.5" FTFP @ 5399'.		
2045-2150		Wait On TR 4-311-820		
2150-2230		Frac Stage 7		
		SICP = 1411 PSI.		
2230-2231		RDMO Vendors W/O CTU		
Costs (\$):	Daily:	337,061	Cum:	372,310
			AFE:	1,298,141

Date: 11/17/2014				
Supervisor:		Stringham/Duncan		
Work Objective:		Drill out plug		
Contractors:		R&R,IPS,ETS,Rheets		
Completion Rig:		IPS CT 2"	Supervisor Phone: 435-790-2326/435-828-1472	
Upcoming Activity:		Flow test well		
Activities				
1600-1615		Swing over from the TR 4-311-820.		
1615-1630		Run same ETS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (back pressure valve) Hydraulic Disconnect, motor and 5 blade 4.625" mill. Reconnect lubricator. Function test motor,(1200 psi @ 1.5 bbl/min). NU lubricator to stack. Fill surface lines with water. Close valve to flowback tank and pressure test to 3500 psi. Bleed pressure back to 1000 psi. Open top ram, 1100 psi.		
1630-1715		RIH with mill and motor to plug @ 5405'. (Coil depth 5404').		
1715-1730		Drill plug @ 5405' (950) PSI.		
1730-1740		Pump a 10 bbl gel sweep. RIH to plug @ 5715'. Tag sand at 5690', wash sand to plug. (Coil depth 5726').		
1740-1750		Drill plug @ 5715' (900) PSI.		
1750-1800		Pump a 10 bbl gel sweep. RIH to plug @ 6106'. (Coil depth 6117').		
1800-1810		Drill plug @ 6106' (900) PSI.		
1810-1815		Pump a 20 bbl gel sweep. RIH to plug @ 6327'. (Coil depth 6340').		
1815-1825		Drill plug @ 6327' (900) PSI.		
1825-1835		Pump a 10 bbl gel sweep. RIH to plug @ 6590'. (Coil depth 6604').		
1835-1845		Drill plug @ 6590' (950) PSI.		
1845-1900		Pump a 10 bbl gel sweep. RIH to plug @ 6724'. (Coil depth 6734').		
1900-2025		RIH to PBTD @ 7048'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. Coil PBTD @ 7035'. Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram, SICP 900 PSI.		
2025-2150		SICP @ 900 psi. Bleed off stack. ND. stack Remove BHA, NU Stack Blow Coil Down With N2. RDMO Vendors		
2150-2151		Turn well over to flow testers, open well on 18/64 choke. IP 1000 PSI. Note: Fill void in between rams with methanol.		
Costs (\$):	Daily:	47,635	Cum:	419,946
			AFE:	1,298,141

Date: 11/18/2014						
Supervisor:		Stringham/Duncan				
Work Objective:		Flow test well				
Contractors:		R&R,Rheets				
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472			
Upcoming Activity:		Flow test well				
Costs (\$):	Daily:	0	Cum:	419,946	AFE:	1,298,141

Date: 11/19/2014				
Supervisor:		Stringham/Duncan		
Work Objective:		Flow test well		
Contractors:		R&R, Rhetts		
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472	
Upcoming Activity:		Flow test well		
Costs (\$):	Daily:	0	Cum: 419,946	AFE: 1,298,141

Date: 11/20/2014						
Supervisor:		Stringham/Duncan				
Work Objective:		Flow test well				
Contractors:		R&R, Rhetts				
Completion Rig:		(Missing)	Supervisor Phone: 435-790-2326/435-828-1472			
Upcoming Activity:						
Turned over to Production Dept						
Costs (\$):	Daily:	34,189	Cum:	454,134	AFE:	1,298,141

Date: 11/21/2014			
Supervisor:		Fletcher	
Work Objective:		Turned over to Production Dept	
Contractors:		(Missing)	
Completion Rig:		(Missing)	Supervisor Phone: 3036459812
Upcoming Activity:			
Costs (\$):	Daily:	10,266	Cum: 464,400
			AFE: 1,298,141

Date: 11/22/2014						
Supervisor: (Missing)						
Work Objective: (Nothing Recorded)						
Contractors: (Missing)						
Completion Rig: (Missing)			Supervisor Phone: (Missing)			
Upcoming Activity:						
Costs (\$):	Daily:	3,464	Cum:	467,863	AFE:	1,298,141

Date: 11/24/2014						
Supervisor: (Missing)						
Work Objective: (Nothing Recorded)						
Contractors: (Missing)						
Completion Rig: (Missing)			Supervisor Phone: (Missing)			
Upcoming Activity:						
Costs (\$):	Daily:	6,491	Cum:	474,354	AFE:	1,298,141

Date: 11/25/2014				
Supervisor:		(Missing)		
Work Objective:		(Nothing Recorded)		
Contractors:		(Missing)		
Completion Rig: (Missing)			Supervisor Phone: (Missing)	
Upcoming Activity:				
Costs (\$):	Daily:	31,612	Cum:	505,966
			AFE:	1,298,141

Date: 11/26/2014						
Supervisor: (Missing)						
Work Objective: (Nothing Recorded)						
Contractors: (Missing)						
Completion Rig: (Missing)			Supervisor Phone: (Missing)			
Upcoming Activity:						
Costs (\$):	Daily:	15,061	Cum:	521,027	AFE:	1,298,141

Date: 11/30/2014						
Supervisor: (Missing)						
Work Objective: (Nothing Recorded)						
Contractors: (Missing)						
Completion Rig: (Missing)			Supervisor Phone: (Missing)			
Upcoming Activity:						
Costs (\$):	Daily:	16,518	Cum:	537,545	AFE:	1,298,141

Date: 12/01/2014					
Supervisor:		JIM BURNS			
Work Objective:		Clean out			
Contractors:		NONE LISTED			
Completion Rig:		Stone #7	Supervisor Phone: 4352992974		
Upcoming Activity: Well shut down, wo orders					
Activities					
0600-0700		CREW TRAVEL			
0700-1300		RIG DOWN			
1300-1400		CREW TRAVEL			
Costs (\$):	Daily:	3,450	Cum: 540,995	AFE:	1,298,141

Date: 12/02/2014					
Supervisor:		JIM BURNS			
Work Objective:		TOH w/ Rods			
Contractors:		NONE LISTED			
Completion Rig:		Stone #7	Supervisor Phone: 4352992974		
Upcoming Activity:		TOH w/ Rods			
Activities					
0600-0700		CREW TRAVEL			
0700-1730		SIRU RD unit Try to Retrieve s.value No Luck Pooh w / Rods LD plunger Mu S.V Ret tool RIH w Rods screw IN To S-V Flush Rods WI 40 BBIS Pooh W/ Rods LD Tools " and s.V ND well Head Nu Bop Ru Equip SDFN			
1730-1830		CREW TRAVEL			
Costs (\$):	Daily:	4,978	Cum: 545,973	AFE:	1,298,141

Date: 12/03/2014			
Supervisor:		JIM BURNS	
Work Objective:		TOH w/ tubing	
Contractors:		NONE LISTED	
Completion Rig:		Stone #7	Supervisor Phone: 4352992974
Upcoming Activity:		Clean out	
Activities			
0600-0700		CREW TRAVEL	
0700-1730		Bleed off well Unland TBG uset TAC pooh W TBG LD BHA mu RBS Bailer ASSM, RIH w  142 lts Pu 71 jts Tag Fill @ 6750' C/O to 6760' 5pm pootl w 64 J Ts Eot @ 4800' SIWFN	
1730-1830		CREW TRAVEL	
Costs (\$):	Daily:	5,028	Cum: 551,000 AFE: 1,298,141

Date: 12/05/2014			
Supervisor:		JIM BURNS	
Work Objective:		TOH w/ Rods	
Contractors:		NONE LISTED	
Completion Rig:		Stone #10	Supervisor Phone: 4352992974
Upcoming Activity:		Clean out	
Activities			
0600-0700		CREW TRAVEL	
0700-1800		spot in, rig up, pump 50 bbls H2O dwn csg, pull horse head, pooh w/parted rods as detailed below, parted #4 of top ¾ (3900') m/u fishing tool, rih, catch fish, unseat pump w/12k over string,flush tbg w/30bbls H2O, pooh to fish, replace 5-3/4" rods, rih, p/u polish, hang horse head, hang in bridle, wait on Hot Oiler fill tbg w/25 bbls pressure/stroke test, 500/900 psi, well on production	
1800-1900		CREW TRAVEL	
Costs (\$):	Daily:	5,170	Cum: 556,170 AFE: 1,298,141

ULTRA RESOURCES, INC.  
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS FED 33-34-720

Well Name: THREE RIVERS FED 33-34-720			Fracs Planned: 7		
Location: UINTAH County, UTAH (NWNE 004 8S 20E)					
Stage 1		Frac Date: 11/15/2014	Avg Rate: 48.0 BPM	Avg Pressure: 2,183 PSI	
Initial Completion		Proppant: 114,340 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,803 PSI	
		114340 lbs Ottawa			
Initial Annulus Pressure: 22		Final Annulus Pressure: 22	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,591 PSI	Base BBLs to Recover: 2,700 BBLs		
Pseudo Frac Gradient: 0.662 PSI/FT		Pseudo Frac Gradient: 12.724 LB/GAL			
		Net Pressure: -548 psi	Total BBLs to Recover: 2,700 BBLs		
Breakdown Pressure: 3833		Breakdown Rate: 8.2	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
13	11/14/2014	3		6,732	6,733
12	11/14/2014	3		6,754	6,755
11	11/14/2014	3		6,773	6,774
10	11/14/2014	3		6,781	6,782
9	11/14/2014	3		6,795	6,796
8	11/14/2014	3		6,815	6,816
7	11/14/2014	3		6,829	6,830
6	11/14/2014	3		6,854	6,855
5	11/14/2014	3		6,872	6,873
4	11/14/2014	3		6,889	6,890
3	11/14/2014	3		6,903	6,904
2	11/14/2014	3		6,940	6,941
1	11/14/2014	3		6,951	6,952
Stage 2		Frac Date: 11/15/2014	Avg Rate: 24.0 BPM	Avg Pressure: 3,025 PSI	
Initial Completion		Proppant: 12,387 lbs total	Max Rate: 60.0 BPM	Max Pressure: 4,290 PSI	
		12387 lbs Ottawa			
Initial Annulus Pressure: 39		Final Annulus Pressure: 43	Pump Down Volume:		
PreFrac SICP:		ISIP: 3,607 PSI	Base BBLs to Recover: 878 BBLs		
Pseudo Frac Gradient: 0.971 PSI/FT		Pseudo Frac Gradient: 18.660 LB/GAL			
		Net Pressure: 1078 psi	Total BBLs to Recover: 878 BBLs		
Breakdown Pressure: 2138		Breakdown Rate: 10.8	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
9	11/15/2014	3		6,639	6,640
8	11/15/2014	3		6,649	6,650
7	11/15/2014	3		6,657	6,658
6	11/15/2014	3		6,662	6,663
5	11/15/2014	3		6,669	6,670
4	11/15/2014	3		6,678	6,679
3	11/15/2014	3		6,688	6,689
2	11/15/2014	3		6,700	6,701
1	11/15/2014	3		6,707	6,709
Stage 3		Frac Date: 11/16/2014	Avg Rate: 47.0 BPM	Avg Pressure: 3,135 PSI	
Initial Completion		Proppant: 143,750 lbs total	Max Rate: 62.0 BPM	Max Pressure: 3,944 PSI	
		143750 lbs Ottawa			
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 2,072 PSI	Base BBLs to Recover: 3,004 BBLs		
Pseudo Frac Gradient: 0.748 PSI/FT		Pseudo Frac Gradient: 14.388 LB/GAL			
		Net Pressure: -179 psi	Total BBLs to Recover: 3,004 BBLs		
Breakdown Pressure: 1761		Breakdown Rate: 8.4	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
13	11/15/2014	3		6,339	6,340
12	11/15/2014	3		6,349	6,350
11	11/15/2014	3		6,363	6,364
10	11/15/2014	3		6,376	6,377
9	11/15/2014	3		6,387	6,388
8	11/15/2014	3		6,398	6,399
7	11/15/2014	3		6,415	6,416
6	11/15/2014	3		6,440	6,441
5	11/15/2014	3		6,460	6,461
4	11/15/2014	3		6,489	6,490
3	11/15/2014	3		6,518	6,519
2	11/15/2014	3		6,555	6,556
1	11/15/2014	3		6,568	6,569

Stage 4	Frac Date: 11/16/2014	Avg Rate: 51.0 BPM	Avg Pressure: 2,948 PSI
Initial Completion	Proppant: 138,256 lbs total	Max Rate: 60.0 BPM	Max Pressure: 3,640 PSI
	138256 lbs Ottawa		
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,419 PSI	Base BBLS to Recover: 3,351 BBLs
	Pseudo Frac Gradient: 0.658 PSI/FT	Pseudo Frac Gradient: 12.650 LB/GAL	
		Net Pressure: -801 psi	Total BBLS to Recover: 3,351 BBLs
	Breakdown Pressure: 2430	Breakdown Rate: 1.2	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	11/16/2014	3	6,120 6,121
11	11/16/2014	3	6,137 6,138
10	11/16/2014	3	6,151 6,152
9	11/16/2014	3	6,161 6,162
8	11/16/2014	3	6,167 6,168
7	11/16/2014	3	6,179 6,180
6	11/16/2014	3	6,196 6,197
5	11/16/2014	3	6,240 6,241
4	11/16/2014	3	6,250 6,251
3	11/16/2014	3	6,270 6,271
2	11/16/2014	3	6,282 6,283
1	11/16/2014	3	6,305 6,307
Stage 5	Frac Date: 11/16/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,624 PSI
Initial Completion	Proppant: 163,930 lbs total	Max Rate: 67.0 BPM	Max Pressure: 3,605 PSI
	163930 lbs Ottawa		
	Initial Annulus Pressure: 15	Final Annulus Pressure: 26	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,697 PSI	Base BBLS to Recover: 4,181 BBLs
	Pseudo Frac Gradient: 0.712 PSI/FT	Pseudo Frac Gradient: 13.689 LB/GAL	
		Net Pressure: -202 psi	Total BBLS to Recover: 4,181 BBLs
	Breakdown Pressure: 1341	Breakdown Rate: 8.4	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
13	11/16/2014	3	5,909 5,910
12	11/16/2014	3	5,915 5,916
11	11/16/2014	3	5,952 5,953
10	11/16/2014	3	5,963 5,964
9	11/16/2014	3	5,973 5,974
8	11/16/2014	3	5,985 5,986
7	11/16/2014	3	5,999 6,000
6	11/16/2014	3	6,010 6,011
5	11/16/2014	3	6,019 6,020
4	11/16/2014	3	6,041 6,042
3	11/16/2014	3	6,052 6,053
2	11/16/2014	3	6,063 6,064
1	11/16/2014	3	6,081 6,082
Stage 6	Frac Date: 11/16/2014	Avg Rate: 50.0 BPM	Avg Pressure: 2,639 PSI
Initial Completion	Proppant: 103,820 lbs total	Max Rate: 63.0 BPM	Max Pressure: 3,469 PSI
	103820 lbs Ottawa		
	Initial Annulus Pressure: 37	Final Annulus Pressure: 41	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,751 PSI	Base BBLS to Recover: 2,714 BBLs
	Pseudo Frac Gradient: 0.741 PSI/FT	Pseudo Frac Gradient: 14.243 LB/GAL	
		Net Pressure: -78 psi	Total BBLS to Recover: 2,714 BBLs
	Breakdown Pressure: 2995	Breakdown Rate: 10.2	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	11/16/2014	3	5,415 5,416
11	11/16/2014	3	5,448 5,449
10	11/16/2014	3	5,455 5,456
9	11/16/2014	3	5,482 5,483
8	11/16/2014	3	5,491 5,492
7	11/16/2014	3	5,518 5,519
6	11/16/2014	3	5,527 5,528
5	11/16/2014	3	5,571 5,572
4	11/16/2014	3	5,583 5,584
3	11/16/2014	3	5,674 5,675
2	11/16/2014	3	5,678 5,679
1	11/16/2014	3	5,686 5,688



Stage 7	Frac Date: 11/16/2014	Avg Rate: 52.0 BPM	Avg Pressure: 2,465 PSI
Initial Completion	Proppant: 127,313 lbs total	Max Rate: 61.0 BPM	Max Pressure: 3,143 PSI
	127313 lbs Ottawa		
	Initial Annulus Pressure: 50	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,411 PSI	Base BBLs to Recover: 3,066 BBLs
	Pseudo Frac Gradient: 0.695 PSI/FT	Pseudo Frac Gradient: 13.362 LB/GAL	
		Net Pressure: -684 psi	Total BBLs to Recover: 3,066 BBLs
	Breakdown Pressure: 1458	Breakdown Rate: 10.3	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
13	11/16/2014	3	5,241 5,242
12	11/16/2014	3	5,250 5,251
11	11/16/2014	3	5,257 5,258
10	11/16/2014	3	5,268 5,269
9	11/16/2014	3	5,286 5,287
8	11/16/2014	3	5,293 5,294
7	11/16/2014	3	5,306 5,307
6	11/16/2014	3	5,313 5,314
5	11/16/2014	3	5,329 5,330
4	11/16/2014	3	5,337 5,338
3	11/16/2014	3	5,348 5,349
2	11/16/2014	3	5,372 5,373
1	11/16/2014	3	5,384 5,385

# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/15/2014
Job End Date:	11/16/2014
State:	Utah
County:	Uintah
API Number:	43-047-54255-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers 33-34-720
Longitude:	-109.67079400
Latitude:	40.15836900
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,786
Total Base Water Volume (gal):	836,939
Total Base Non Water Volume:	0



## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	88.31947	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	10.52945	
MC B-8614	Multi-Chem	Biocide					
			Acetone	67-64-1	40.00000	0.40820	
			Glutaraldehyde	111-30-8	30.00000	0.10205	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.22852	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04165	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02083	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00347	
			Naphthalene	91-20-3	5.00000	0.00347	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00069	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					

			Guar gum	9000-30-0	100.00000	0.04550	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02625	
			Ethylene glycol	107-21-1	30.00000	0.01312	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.02835	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.02245	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00374	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.01589	
			Acetic acid	64-19-7	60.00000	0.00954	
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Phosphonate of Diamine, Sodium Salt	Proprietary	30.00000	0.01676	
			Methyl Alcohol	67-56-1	30.00000	0.00279	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01226	
MUSOL A SOLVENT	Halliburton	Solvent					
			Ethylene glycol monobutyl ether	111-76-2	100.00000	0.00670	
			Oxylated alcohol	Confidential	30.00000	0.00201	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00262	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00079	
HAI-404	Halliburton	Corrosion Inhibitor					
			Isopropanol	67-63-0	30.00000	0.00087	
			Aldehyde	Confidential	30.00000	0.00087	
			Methanol	67-56-1	30.00000	0.00087	
			Chloromethylnaphthalene quinuoline quaternary amine	15619-48-4	10.00000	0.00029	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00194	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.89108	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02083	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.01226	
		Other Ingredient(s)					

			Oxyalkylated phenolic resin	Confidential		0.00694	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00441	
		Other Ingredient(s)					
			Quaternary ammonium compound	Confidential		0.00374	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00236	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00233	
		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00228	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00204	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00204	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00087	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00079	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00047	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00046	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00046	
		Other Ingredient(s)					
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00041	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00041	
		Other Ingredient(s)					
			Methanol	67-56-1		0.00040	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00029	
		Other Ingredient(s)					
			Propylene glycol	57-55-6		0.00029	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00013	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					

		Crystalline silica, quartz	14808-60-7		0.00005	
		Other Ingredient(s)				
		Ammonium phosphite	13446-12-3		0.00003	
		Other Ingredient(s)				
		Cured acrylic resin	Confidential		0.00003	
		Other Ingredient(s)				
		C.I. Pigment Red 5	6410-41-9		0.00003	
		Other Ingredient(s)				
		Naphthalene	91-20-3		0.00000	
		Other Ingredient(s)				
		Phosphoric Acid	7664-38-2		0.00000	
		Other Ingredient(s)				
		Sodium sulfate	7757-82-6		0.00000	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Well Name: Three Rivers 33-34-720 1 MV/Lance

Date, Time & SO: 11/15/14 6:37 PM 901834278  
Top & Bottom Perfs: 6732 TO 6890.0  
Mid-Perf: 6842

BHST: 150 °F

HALLIBURTON

Liquid Additives															Liquid Additives									
Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)											
1	Pre-Pad	23	0:02:18	FR Water	968	0	3.4	11.0	1154	2876	103	0.00	0.00					1.00	0.50				0.50	0.20
2	PPG	24	0:02:23	15 % HCL Acid	1000	0	12.4	30.0	1743	2479	1231	0.00	2.18											
3	PPG	120	0:02:00	FR Water	5036	206	43.9	49.7	2980	3512	2381	0.04	0.01					1.00	0.50	0.98			0.50	0.20
4	0.5 PPG White Sand	364	0:06:04	FR Water	14925	6,806	57.0	60.6	2490	3092	2272	0.46	0.51					1.00	0.50	0.98			0.50	0.20
5	PPG	196	0:03:16	FR Water	8223	674	60.4	60.5	2534	2605	2475	0.08	0.47					1.00	0.50	0.98			0.50	0.20
6	0.5 PPG White Sand	424	0:07:04	FR Water	17389	7,929	60.4	60.7	2217	3803	2110	0.46	0.49					1.00	0.50	0.98			0.50	0.20
7	PPG	196	0:03:16	FR Water	8219	608	60.1	60.7	2206	2269	2152	0.07	0.49					1.00	0.50	0.98			0.50	0.20
8	0.5 PPG White Sand	181	0:03:01	FR Water	7432	2,965	59.5	59.9	2186	2268	2127	0.40	0.47					1.00	0.50	0.98			0.50	0.20
9	0.5 PPG White Sand	123	0:02:03	FR Water	5058	2,312	59.6	59.9	2157	2189	2120	0.46	0.47					1.00	0.50	2.00			0.50	0.20
10	0.5 PPG White Sand	123	0:02:03	FR Water	5051	2,334	59.5	59.7	2205	2237	2184	0.46	0.49					1.00	0.50	0.25			0.50	0.20
11	PPG	130	0:02:10	18# Delta 140	5443	229	33.0	62.0	1755	2286	731	0.04	0.44	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20
12	2 PPG White Sand	354	0:05:54	18# Delta 140	13559	27,023	54.7	57.7	2250	2547	1854	1.99	2.24	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20
13	4 PPG White Sand	221	0:03:41	18# Delta 140	7763	30,586	56.3	57.4	2237	2418	2103	3.94	4.40	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20
14	6 PPG White Sand	201	0:03:21	18# Delta 140	6534	33,304	56.2	57.1	2307	2354	2218	5.10	6.05	18.00	1.80	1.80		1.00	0.50		1.00	0.50		0.20
						0																		
15	Flush	156	0:02:36	FR Water	6560	0	50.5	57.3	2323	2420	2280	0.00	0.00					1.00	0.50				0.50	0.20
						0																		
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
Calculated Amt														599.38	59.94	59.95	0.00	112.16	56.08	78.22	33.30	16.65	39.43	22.43
Actual Amt														630.00	60.40	59.00		112.00	55.60	78.00	33.00	17.30	39.00	22.20
Percent Variance														5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Strap Amt														640.00	62.00	60.00		111.00	54.00	77.00	33.00	17.00	40.00	23.00
Percent Variance														6.8%	3.4%	0.0%	0.0%	-1.0%	-3.7%	-1.6%	0.0%	0.0%	0.0%	0.0%
Slurry (bbl)	2837																							

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 2837  
Pump Time (Min) 0:51:11  
Clean Fluid (gal) 113160  
Proppant (lb) 122302

Avg Rate 48.4 BPM  
Avg Corrected Rate 51.7 BPM  
Max Rate 62.0 BPM  
Average Prop Con 0.4  
Average Pressure 2182.9 PSI  
Maximum Pressure 3803.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.38 PPG  
Wellhead Pressure: 54 PSI  
Broke Back: 3833 PSI  
Pressure (Prop at Perfs) 3122 PSI  
Initial ISIP: PSI  
ISDP: 1591 PSI

@ 8.2 BPM  
@ 60.4 BPM  
@ 0.668 PSI/FT

(Use weight slips for below amounts)				Variance	
TOTAL PROPPANT PUMPED: 114,264 Lbs				COMMENTS:	
% of Job	Prop	Mesh	Quantity	MB Vari	SS Vari
0%	None	20/40		0.6%	0.4%
0%	TLC	20/40			
100%	White Sand	20/40	114,264	0.1%	0.1%
Initial Annulus Pressure 0.0 PSI				Average Annulus Pressure 0.0 PSI	
Final Annulus Pressure 0.0 PSI				Change in Annulus Pressure 0.0 PSI	

CLEAN STREAM:		
UV1 HRs	UV2 HRs	Transm.%
584	584	89.6

HES Engineer: Sabrina Dona  
Co. Rep: Andy Hutchinson  
Crew: RED B  
Xlink samples look good  
Good job by Crew  
3bbl overflush per Co Rep  
Pressure at wellhead and missle were reading 1000 psi difference. Per co rep read at wellhead until problem fixed.  
Need to recalculate the ADI due to change in where pressure will be reading  
Pressure was changed to read at Missle until problem fixed, wellhead pressure is reading 20K transducer not 15K  
Lost Blender tub in stage 10 dropped rate until problem fixed  
HHH had ace reboot in middle of stage 12



Well Name: Three Rivers 33-34-720 2 MV/Lance

Date, Time & SO: 11/15/14 1:53 AM 901834278  
Top & Bottom Perfs: 6639 TO 6709.0  
Mid-Perf: 6674 BHST: 148 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol  (bbl)	Pump Time	Fluid Name	Fluid Volume  (gal)	Proppant  Mass (lb)	Slurry  Rate (bpm)	Max Slurry  Rate (bpm)	Pressure  Ave (psi)	Pressure  Max (psi)	Pressure  Min (psi)	Prop Conc  Avg (PPG)	Prop Conc  Max (PPG)	Liquid Additives				Liquid Additives						SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (ppt)	MC B-8614 7681-52-9 (Bactericide) (ppt)
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)					
1	Pre-Pad	52	0:05:12	FR Water	2184	0	3.2	8.8	3524	4146	589	0.00	0.00					1.00	0.50				0.50	0.20		
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
						0																				
	Growler @ Flush	57			2400	0								50.00				0.00					0.00			
														Calculated Amt	0.01	0.00	0.00	0.00	2.19	1.09	0.00	0.00	0.00	1.09	0.44	
														Actual Amt	0.00	0.00	0.00	0.00	1.50	0.90	0.00	0.00	0.00	1.00	0.70	
														Percent Variance	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
														Strap Amt	0.00	0.00	0.00	0.00	1.50	0.90	0.00	0.00	0.00	1.00	0.70	
														Percent Variance	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Slurry (bbl)	52																								

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 52  
Pump Time (Min) 0:05:12  
Clean Fluid (gal) 2185  
Proppant (lb) 1

Avg Rate 3.2 BPM  
Avg Corrected Rate #DIV/0! BPM  
Max Rate 8.8 BPM  
Average Prop Con #DIV/0!  
Average Pressure 3524.0 PSI  
Maximum Pressure 4146.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.42 PPG  
Wellhead Pressure: 585 PSI  
Broke Back: PSI  
Pressure (Prop at Perfs) PSI  
Initial ISIP: PSI  
ISDP: PSI

@ BPM  
@ BPM  
@ 0.438 PSI/FT

(Use weight slips for below amounts)				
TOTAL PROPPANT PUMPED: 0 Lbs				
% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	0	Lbs

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI  
Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%

Variance			
0.0%			
MB Vari	SS Vari	Dens Vari	SC Vari
-100.0%	-100.0%	-100.0%	-100.0%

COMMENTS:

HES Engineer: Sabrina Dona  
Co. Rep: Davey O'Brien  
Crew: RED B  
Equipment running well  
Xlink samples look good  
Good job by Crew  
3bbl overflush per Co Rep  
33-34-720 Stage 2 Refrac  
250 bbls were flowed back from the screen out  
Tried to get back into well, pressure came up quickly. Tried to pump back into it 3 times but kicked out @ 2bpm.  
Co. Rep decided to abandon zone

Well Name: Three Rivers 33-34-720 3 MV/Lance

Date, Time & SO: 11/16/14 6:54 AM 901834278  
Top & Bottom Perfs: 6339 TO 6490.0  
Mid-Perf: 6454

BHST: 145 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives														Liquid Additives									
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)					
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)																
1	Pre-Pad	22	0:02:14	FR Water	935	0	6.3	10.3	1731	2285	239	0.00	0.00					0	1.00	0.50				0.50	0.20				
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	14.2	29.2	2126	2941	1685	0.00	0.00					0											
3	0 PPG	102	0:01:42	FR Water	4276	0	46.7	59.0	3039	3800	2203	0.00	0.00					0	1.00	0.50	0.75			0.50	0.20				
4	0.5 PPG White Sand	458	0:07:38	FR Water	18796	8,834	58.8	60.3	3143	3614	2515	0.47	0.52					0	1.00	0.50	0.75			0.50	0.20				
5	0 PPG	271	0:04:31	FR Water	11376	0	58.9	60.0	3379	3517	2872	0.00	0.00					0	1.00	0.50	0.75			0.50	0.20				
6	0.5 PPG White Sand	535	0:08:55	FR Water	21933	10,528	59.3	62.0	3300	3463	2760	0.48	0.53					0	1.00	0.50	0.75			0.50	0.20				
7	0 PPG	265	0:04:25	FR Water	11121	0	55.4	60.3	3502	3923	3341	0.00	0.00					0	1.00	0.50	0.75			0.50	0.20				
8	0.5 PPG White Sand	291	0:04:51	FR Water	11930	5,488	52.2	52.5	3337	3453	3244	0.46	0.51					0	1.00	0.50	0.75			0.50	0.20				
9	0.5 PPG White Sand	122	0:02:02	FR Water	5017	2,458	52.2	52.4	3303	3360	3272	0.49	0.50					0	1.00	0.50	2.00			0.50	0.20				
10	0.5 PPG White Sand	122	0:02:02	FR Water	5004	2,952	52.1	52.1	3506	3509	3497	0.59	0.61					0	1.00	0.50	0.25			0.50	0.20				
11	0 PPG	0	0:00:00	18# Delta 140	0	0								18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
12	2 PPG White Sand	451	0:07:31	18# Delta 140	17247	36,219	44.6	52.2	3623	3944	3320	2.10	2.20	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
13	4 PPG White Sand	279	0:04:39	18# Delta 140	9809	38,255	49.6	54.4	3534	3635	3297	3.90	4.10	18.00	1.80			1.00	0.50	0.25	1.00	0.50		0.20					
14	6 PPG White Sand	234	0:03:54	18# Delta 140	7608	38,801	57.6	59.8	3373	3534	3297	5.10	6.30	18.00	1.80	1.80		1.00	0.50		1.20	0.70		0.20					
						0																							
15	Flush	3	0:00:03	FR Water	6926	0	49.4	55.9	2989	2769	1550	0.00	0.00					0.80	0.30				0.80	0.50					
						0																							
	Growler @ Flush	57			2400	0								50.00				0.00					0.00						
Calculated Amt														623.95	62.40	13.69	0.00	130.59	64.60	77.42	36.19	18.85	50.73	28.47					
Actual Amt														620.00	66.80	63.60		120.30	60.00	82.00	37.20	18.60	54.50	27.40					
Percent Variance														-0.6%	7.1%	364.4%	0.0%	-7.9%	-7.1%	5.9%	2.8%	0.0%	7.4%	-3.8%					
Strap Amt																													
Percent Variance														-100.0%	-100.0%	-100.0%	0.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%					
Slurry (bbl)		3180																											

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3180  
Pump Time (Min) 0:56:50  
Clean Fluid (gal) 126158  
Proppant (lb) 150718

Avg Rate 47.0 BPM  
Avg Corrected Rate 50.1 BPM  
Max Rate 62.0 BPM  
Average Prop Con 0.5  
Average Pressure 3134.6 PSI  
Maximum Pressure 3944.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.40 PPG  
Wellhead Pressure: 539 PSI  
Broke Back: 1761 PSI  
Pressure (Prop at Perfs) 3178 PSI  
Initial ISIP: PSI  
ISDP: 2072 PSI

@ 8.4 BPM  
@ 60.0 BPM  
@ 0.758 PSI/FT

(Use weight slips for below amounts)					Variance		COMMENTS:				
TOTAL PROPPANT PUMPED: 143,888					Lbs	0.0%					
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari			
0%	None	20/40		Lbs	-0.2%	-0.6%	-0.1%	-100.0%			
0%	TLC	20/40		Lbs							
100%	White Sand	20/40	143,888	Lbs							
Initial Annulus Pressure				0.0	PSI	Average Annulus Pressure				0.0	PSI
Final Annulus Pressure				0.0	PSI	Change in Annulus Pressure				0.0	PSI

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%

Well Name: Three Rivers 33-34-720 4 MV/Lance

Date, Time & SO: 11/16/14 10:59 AM 901834278  
Top & Bottom Perfs: 6120 TO 6271.0  
Mid-Perf: 6214

BHST: 142 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	Liquid Additives											
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)												
1	Pre-Pad	8	0:00:50	FR Water	349	0	3.8	9.3	2153	2890	1154	0.00	0.00				0	1.00	0.50				0.50	0.20	
2	0 PPG	32	0:03:12	15 % HCL Acid	1344	0	11.2	32.1	2529	3535	2032						0								
3	0 PPG	127	0:02:07	FR Water	5353	0	41.2	53.4	3363	3637	3212						0	1.00	0.50	0.66			0.50	0.20	
4	0.5 PPG White Sand	607	0:10:07	FR Water	24872	11,441	59.6	60.3	2834	3640	2567	0.46	0.69				0	1.00	0.50	0.66			0.50	0.20	
5	0 PPG	223	0:03:43	FR Water	9360	0	60.3	60.3	2599	2642	2558						0	1.00	0.50	0.66			0.50	0.20	
6	0.5 PPG White Sand	600	0:10:00	FR Water	24609	10,582	60.2	60.4	2392	2610	2334	0.43	0.48				0	1.00	0.50	0.66			0.50	0.20	
7	0 PPG	223	0:03:43	FR Water	9369	0	60.3	60.3	2426	2461	2387						0	1.00	0.50	0.66			0.50	0.20	
8	0.5 PPG White Sand	430	0:07:10	FR Water	17626	7,403	60.3	60.4	2296	2402	2261	0.42	0.47				0	1.00	0.50	0.66			0.50	0.20	
9	0.5 PPG White Sand	123	0:02:03	FR Water	5044	2,118	60.3	60.4	2301	2324	2285	0.42	0.43				0	1.00	0.50	2.00			0.50	0.20	
10	0.5 PPG White Sand	122	0:02:02	FR Water	5021	2,360	60.1	60.4	2351	2428	2324	0.47	0.53				0	1.00	0.50	0.25			0.50	0.20	
11	0 PPG	0	0:00:00	16# Delta 140	0	0								16.00	1.60		1.00	0.50	0.25	1.00	1.00		0.20		
12	2 PPG White Sand	398	0:06:38	16# Delta 140	15226	30,452	59.5	59.9	2817	2937	2449	2.00	2.50	16.00	1.60		1.00	0.50	0.25	1.00	1.00		0.20		
13	4 PPG White Sand	247	0:04:07	16# Delta 140	8670	32,513	59.4	59.6	2542	2776	2363	3.75	4.00	16.00	1.60		1.00	0.50	0.25	1.00	1.00		0.20		
14	6 PPG White Sand	242	0:04:02	16# Delta 140	7860	41,344	59.2	59.7	2205	2372	1971	5.26	6.30	16.00	1.60	1.80	1.00	0.50		1.00	1.00		0.20		
						0																			
15	Flush	143	0:02:23	FR Water	6024	0	52.0	60.0	2163	2564	2006	0.00	0.00				1.00	0.50				0.50	0.20		
						0																			
	Growler @ Flush	57			2400	0								50.00				0.00					0.00		
														Calculated Amt	508.10	50.81	74.42	0.00	139.38	69.69	77.45	31.76	31.76	53.81	27.88
														Actual Amt	603.00	53.50	69.80		318.10	159.20	77.40	33.50	25.00	62.10	637.00
														Percent Variance	18.7%	5.3%	-6.2%	0.0%	128.2%	128.4%	0.0%	5.5%	-21.3%	15.4%	2185.1%
														Strap Amt											
														Percent Variance	-100.0%	-100.0%	-100.0%	0.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%
Slurry (bbl)		3527																							

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3527  
Pump Time (Min) 1:02:08  
Clean Fluid (gal) 140727  
Proppant (lb) 150878

Avg Rate 50.5 BPM  
Avg Corrected Rate 54.1 BPM  
Max Rate 60.4 BPM  
Average Prop Con 0.7  
Average Pressure 2497.9 PSI  
Maximum Pressure 3640.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.40 PPG  
Wellhead Pressure: 1156 PSI  
Broke Back: 2430 PSI  
Pressure (Prop at Perfs) 3077 PSI  
Initial ISIP: PSI  
ISDP: 1419 PSI

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 138,000 Lbs			
% of Job	Prop	Mash	Quantity
0%	None	20/40	Lbs
0%	TLC	20/40	Lbs
100%	White Sand	20/40	138,000 Lbs

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI

Variance 0.0%  
COMMENTS:  
MB Vari 0.2% SS Vari 3.9% Dens Vari 0.2% SC Vari -100.0%  
Average Annulus Pressure 0.0 PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
589	589	80.6

@ 1.2 BPM  
@ 60.0 BPM  
@ 0.665 PSI/FT

HES Engineer: Ty Stingley  
Co. Rep: Jeff Scott  
Crew: RED A  
Equipment running well  
Xlink samples look good  
Good job by Crew  
3bbl overflow per Co Rep

Well Name: Three Rivers 33-34-720 5 MV/Lance

Date, Time & SO: 01/00/00 3:14 PM 901834278  
Top & Bottom Perfs: 5909 TO 6042.0  
Mid-Perf: 5996

BHST: 139 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	Liquid Additives					Liquid Additives					SP	FR-66	MC B-8614
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)			
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)													
1	Pre-Pad	13	0:01:15	FR Water	527	0	4.6	9.2	1136	1346	943	0.00	0.00				0	1.00	0.50				0.50	0.20		
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	11.0	21.0	1348	1704	1287						0									
3	0 PPG	122	0:02:02	FR Water	5119	0	40.0	56.0	2382	3137	1704						0	1.00	0.50	0.54			0.50	0.20		
4	0.5 PPG White Sand	728	0:12:08	FR Water	29841	14,025	60.1	60.5	2816	3238	2647	0.47	0.53				0	1.00	0.50	0.54			0.50	0.20		
5	0 PPG	287	0:04:47	FR Water	12058	0	60.4	60.4	2905	2980	2833						0	1.00	0.50	0.54			0.50	0.20		
6	0.5 PPG White Sand	728	0:12:08	FR Water	29829	14,616	60.3	60.5	2871	3039	2751	0.49	0.53				0	1.00	0.50	0.54			0.50	0.20		
7	0 PPG	287	0:04:47	FR Water	12060	0	60.3	60.3	3023	3054	3000						0	1.00	0.50	0.54			0.50	0.20		
8	0.5 PPG White Sand	565	0:09:25	FR Water	23164	11,350	60.3	60.4	2959	3030	2875	0.49	0.52				0	1.00	0.50	0.54			0.50	0.20		
9	0.5 PPG White Sand	122	0:02:02	FR Water	5013	2,507	60.3	60.3	2910	2976	2876	0.50	0.51				0	1.00	0.50	2.00			0.50	0.20		
10	0.5 PPG White Sand	118	0:01:58	FR Water	4854	1,650	60.3	60.4	3002	3071	2900	0.34	0.56				0	1.00	0.50	0.25			0.50	0.20		
11	0 PPG	0	0:00:00	16# Delta 140	0	0								16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
12	2 PPG White Sand	473	0:07:53	16# Delta 140	18091	37,991	29.3	60.2	3305	3605	2815	2.10	2.20	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
13	4 PPG White Sand	515	0:08:35	16# Delta 140	10755	70,555	60.0	60.2	2990	3228	2787	3.90	4.50	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
14	6 PPG White Sand	246	0:04:06	16# Delta 140	7983	37,520	60.0	60.0	2581	2800	2316	4.70	6.00	16.00	1.20	1.90		1.00	0.50		0.80	1.00		0.20		
						0																				
15	Flush	190	0:03:10	FR Water	7986	0	59.0	67.0	2505	2648	2449	0.00	0.00					0.80	0.30				0.50	0.20		
						0																				
	Growler @ Flush	57			2400	0																				
														Calculated Amt	589.26	55.73	71.29	0.00	165.68	82.04	78.60	35.23	36.83	65.23	33.46	
														Actual Amt	710.00	62.20	69.80		165.70	83.10	79.20	38.90	29.50	64.90	33.60	
														Percent Variance	20.5%	11.6%	-2.1%	0.0%	0.0%	1.3%	0.0%	10.4%	-19.9%	0.0%	0.0%	
														Strap Amt												
														Percent Variance												
	Slurry (bbl)	4418																								

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	4418
Pump Time (Min)	1:16:40
Clean Fluid (gal)	175616
Proppant (lb)	202795

Avg Rate	49.0 BPM
Avg Corrected Rate	52.4 BPM
Max Rate	67.0 BPM
Average Prop Con	0.7
Average Pressure	2623.8 PSI
Maximum Pressure	3605.0 PSI

BREAKDOWN INFORMATION:

Base Fluid:	8.40	PPG
Wellhead Pressure:	945	PSI
Broke Back:	1341	PSI
Pressure (Prop at Perfs)	2837	PSI
Initial ISIP:		PSI
ISDP:	1697	PSI

@	8.4	BPM
@	60.1	BPM
@	0.720	PSI/FT

(Use weight slips for below amounts)					Variance	COMMENTS:			
TOTAL PROPPANT PUMPED: 165,600 Lbs					0.0%				
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari	
0%	None	20/40		Lbs	14.9%	2.6%	-1.0%	-100.0%	
0%	TLC	20/40		Lbs					
100%	White Sand	20/40	165,600	Lbs					
Initial Annulus Pressure 15.0 PSI					Average Annulus Pressure 20.2 PSI				
Final Annulus Pressure 26.0 PSI					Change in Annulus Pressure 11.0 PSI				

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm. %
591	591	82.1

HES Engineer: Stingley  
Co. Rep: Andy Hutchinson  
Crew: RED A  
Equipment running well  
Xlink samples look good  
Good job by Crew  
3bbl overflush per Co Rep

Well Name: Three Rivers 33-34-720 6 MV/Lance

Date, Time & SO: 11/16/14 6:25 PM 901834278  
Top & Bottom Perfs: 5415 TO 5675.0  
Mid-Perf: 5552

BHST: 133 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives													Liquid Additives						
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35 9000-30-0 (Gel)	BC 140 590-29-4 (Xlinker)	Sandwedge NT 1310-58-3 (Xlinker)	BA-20 631-61-8 (Buffer)	LoSurf-300D	CLA-Web (Clay Cont.)	MC MX 2-2822 (Conduct. Enh.)	Optiflo HTE 7727-54-0 (Breaker)	SP 7775-27-1 (Breaker)	FR-66 (Fric Red)	MC B-8614 7681-52-9 (Bactericide)	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)												
	1 Pre-Pad	59	0:05:55	FR Water	2483	0	4.1	10.7	2178	2998	1188	0.00	0.00				0	1.00	0.50				0.70	0.20	
	2 0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.3	33.5	2412	3283	1893	0.00	0.00				0								
	3 0 PPG	123	0:02:03	FR Water	5155	0	39.4	52.9	3254	3469	2730	0.00	0.00				0	1.00	0.50	0.92			0.70	0.20	
	4 0.5 PPG White Sand	455	0:07:35	FR Water	18667	8,792	60.4	61.0	2879	3113	2749	0.47	0.51				0	1.00	0.50	0.92			0.70	0.20	
	5 0 PPG	141	0:02:21	FR Water	5939	0	60.8	60.9	2878	2933	2845	0.00	0.00				0	1.00	0.50	0.92			0.70	0.20	
	6 0.5 PPG White Sand	455	0:07:35	FR Water	18672	8,626	60.9	60.9	2728	2939	2875	0.46	0.49				0	1.00	0.50	0.92			0.70	0.20	
	7 0 PPG	144	0:02:24	FR Water	6042	0	60.9	60.9	2703	2750	2671	0.00	0.00				0	1.00	0.50	0.92			0.70	0.20	
	8 0.5 PPG White Sand	255	0:04:15	FR Water	10442	4,574	60.9	61.0	2697	2754	2646	0.44	0.48				0	1.00	0.50	0.92			0.70	0.20	
	9 0.5 PPG White Sand	123	0:02:03	FR Water	5035	2,452	60.9	60.9	2687	2695	2672	0.49	0.50				0	1.00	0.50	2.00			0.70	0.20	
	10 0.5 PPG White Sand	121	0:02:01	FR Water	4950	2,302	58.5	63.5	2610	2701	2000	0.47	0.57	10.00	0.60		0	1.00	0.50	0.25	0.40	0.40	0.70	0.20	
	11 0 PPG	139	0:02:19	16# Delta 140	5843	0	51.9	61.3	2556	2802	1343	0.00	0.00	16.00	1.60		1.00	0.50	0.25	1.00	1.00	0.20	0.20		
	12 2 PPG White Sand	299	0:04:59	16# Delta 140	11427	21,357	60.3	60.8	2723	2851	2635	1.87	2.08	16.00	1.60		1.00	0.50	0.25	1.00	1.00		0.20		
	13 4 PPG White Sand	185	0:03:05	16# Delta 140	6507	24,239	60.5	60.8	2568	2732	2435	3.73	4.06	16.00	1.60		1.00	0.50	0.25	1.00	1.00		0.20		
	14 6 PPG White Sand	198	0:03:18	16# Delta 140	6412	31,028	60.5	61.2	2459	2534	2398	4.84	5.99	16.00	1.60	1.60	1.00	0.50		1.00	1.00		0.20		
						0																			
	15 Flush	129	0:02:09	FR Water	5403	0	39.2	61.3	2250	2725	1494	0.00	0.00					1.00	0.50				0.70	0.20	
						0																			
	Growler @ Flush	57			2400	0								50.00				0.00					0.00		

Calculated Amt	532.52	51.27	49.64	0.00	112.98	56.49	77.18	32.17	32.17	59.12	22.60
Actual Amt	542.00	50.40	47.50	0.00	111.70	59.00	77.30	31.60	31.60	61.30	22.30
Percent Variance	1.8%	0.0%	-4.3%	0.0%	-1.1%	4.4%	0.0%	0.0%	0.0%	3.7%	0.0%
Strap Amt	542.00	50.00	48.00	0.00	112.00	59.00	77.00	32.00	32.00	61.00	22.00
Percent Variance	1.8%	-2.5%	-3.3%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	3.2%	0.0%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 2849  
Pump Time (Min) 0:54:24  
Clean Fluid (gal) 113977  
Proppant (lb) 116237

Avg Rate 50.0 BPM  
Avg Corrected Rate 53.2 BPM  
Max Rate 63.5 BPM  
Average Prop Con 0.4  
Average Pressure 2638.8 PSI  
Maximum Pressure 3469.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 0.00 PPG  
Wellhead Pressure: 1188 PSI  
Broke Back: 2995 PSI  
Pressure (Prop at Perfs) 2642 PSI  
Initial ISIP: 0 PSI  
ISDP: 1751 PSI

@ 10.2 BPM  
@ 60.7 BPM  
@ 0.315 PSI/FT

(Use weight slips for below amounts)					Variance		COMMENTS:	
TOTAL PROPPANT PUMPED: 103,500 Lbs					0.0%			
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari
0%	None	20/40		Lbs	-0.1%	3.4%	0.3%	-100.0%
0%	TLC	20/40		Lbs				
100%	White Sand	20/40	103,500	Lbs				
Initial Annulus Pressure 37.3 PSI					Average Annulus Pressure 39.1 PSI			
Final Annulus Pressure 41.4 PSI					Change in Annulus Pressure 4.1 PSI			

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm. %
593	593	79.6

HES Engineer: Alvaro Meza Ligarda  
Co. Rep: Brent Bongers  
Crew: RED B  
Equipment running well  
Xlink samples look good  
Good job by Crew  
Changed FR conc to 0.7 gpt  
Crosslinkers were brought up 3000 gal earlier on stage 10

Well Name: Three Rivers 33-34-720 7 MV/Lance

Date, Time & SO: 11/16/14 10:28 PM 901834278  
Top & Bottom Perfs: 5241 TO 5338.0  
Mid-Perf: 5313

BHST: 130 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Liquid Additives																		Liquid Additives					
						Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	BC 140	Sandwedge NT	BA-20	LoSurf-300D	CLA-Web	MC MX 2-2822	Optiflo HTE	SP	FR-66	MC B-8614					
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	9000-30-0 (Gel) (ppt)	590-29-4 (Xlinker) (gpt)	1310-58-3 (Xlinker) (gpt)	631-61-8 (Buffer) (gpt)		(Clay Cont.) (gpt)	(Conduct. Enh.) (gpt)	7727-54-0 (Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)	7681-52-9 (Bactericide) (gpt)					
1	Pre-Pad	8	0:00:46	FR Water	320	0	4.9	11.1	1237	1470	1092	0.00	0.00				0	1.00	0.50				0.50	0.20					
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.4	34.6	1395	2142	1283	0.00	0.00				0												
3	0 PPG	136	0:02:16	FR Water	5696	0	54.1	60.8	2827	3143	2129	0.00	0.00				0	1.00	0.50	0.73		0.50	0.20						
4	0.5 PPG White Sand	556	0:09:16	FR Water	22792	10,917	60.4	61.0	2542	2918	2369	0.48	0.51				0	1.00	0.50	0.73		0.50	0.20						
5	0 PPG	197	0:03:17	FR Water	8294	0	60.3	60.3	2870	2904	2841	0.00	0.00				0	1.00	0.50	0.73		0.70	0.20						
6	0.5 PPG White Sand	549	0:09:09	FR Water	22502	10,913	60.3	60.4	2651	2867	2570	0.49	0.52				0	1.00	0.50	0.73		0.70	0.20						
7	0 PPG	196	0:03:16	FR Water	8246	0	60.3	60.4	2731	2752	2705	0.00	0.00				0	1.00	0.50	0.73		0.70	0.20						
8	0.5 PPG White Sand	374	0:06:14	FR Water	15333	7,283	60.3	60.4	2653	2743	2592	0.48	0.53				0	1.00	0.50	0.73		0.70	0.20						
9	0.5 PPG White Sand	122	0:02:02	FR Water	5002	2,471	60.3	60.4	2673	2687	2661	0.49	0.51				0	1.00	0.50	2.00		0.70	0.20						
10	0.5 PPG White Sand	122	0:02:02	FR Water	5012	2,636	60.2	60.3	2678	2722	2664	0.53	0.56				0	1.00	0.50	0.25	0.20	0.20	0.70	0.20					
11	0 PPG	0	0:00:00	16# Delta 140	0	0						0.00	0.00	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20					
12	2 PPG White Sand	365	0:06:05	16# Delta 140	13956	27,298	59.8	60.2	2777	2852	2722	1.96	2.07	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20					
13	4 PPG White Sand	224	0:03:44	16# Delta 140	7849	30,070	59.6	59.8	2603	2734	2512	3.83	4.06	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20					
14	6 PPG White Sand	237	0:03:57	16# Delta 140	7689	36,038	59.5	59.8	2404	2516	2312	4.69	5.81	16.00	1.60	1.60		1.00	0.50		1.00	1.00		0.20					
						0																							
15	Flush	121	0:02:01	FR Water	5077	0	60.3	38.9	2024	2535	1265	0.00	0.00					1.00	0.50				0.70	0.20					
						0																							
	Growler @ Flush	57			2400	0								50.00				0.00					0.00						
Calculated Amt														471.91	47.19	57.66	0.00	127.77	63.88	77.10	30.50	30.50	63.03	25.55					
Actual Amt														452.00	48.60	59.10	0.00	30.00	61.70	76.80	30.60	30.50	64.40	24.60					
Percent Variance														-4.2%	3.0%	2.5%	0.0%	-76.5%	-3.4%	0.0%	0.0%	0.0%	2.2%	0.0%					
Strap Amt														452.00	48.60	59.10	0.00	30.00	62.00	77.00	31.00	31.00	64.00	25.00					
Percent Variance														-4.2%	3.0%	2.5%	0.0%	-76.5%	-2.9%	0.0%	0.0%	0.0%	0.0%	0.0%					
Percent Variance is reported as 0% if variance is within 1 gallon.																													
Slurry (bbl)		3230																											

Slurry (bbl) 3230  
Pump Time (Min) 0:56:27  
Clean Fluid (gal) 128768  
Proppant (lb) 140763

Avg Rate 52.2 BPM  
Avg Corrected Rate 55.8 BPM  
Max Rate 61.0 BPM  
Average Prop Con 0.4  
Average Pressure 2433.2 PSI  
Maximum Pressure 3143.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.39 PPG  
Wellhead Pressure: 1134 PSI  
Broke Back: 1458 PSI  
Pressure (Prop at Perfs) 2843 PSI  
Initial ISIP: 0 PSI  
ISDP: 1411 PSI

@ 10.3 BPM  
@ 59.8 BPM  
@ 0.702 PSI/FT

(Use weight slips for below amounts)				Variance	
TOTAL PROPPANT PUMPED: 126,500 Lbs				0.0%	
% of Job	Prop	Mesh	Quantity	Units	
0%	None	20/40		Lbs	
0%	TLC	20/40		Lbs	
100%	White Sand	20/40	126,500	Lbs	
Initial Annulus Pressure 49.8 PSI				Average Annulus Pressure 52.4 PSI	
Final Annulus Pressure 0.0 PSI				Change in Annulus Pressure -49.8 PSI	

CLEAN STREAM:		
UV1 HRs	UV2 HRs	Transm.%
595	595	78.5

MB Vari	SS Vari	Dens Vari	SC Vari
0.9%	2.2%	0.6%	-100.0%

COMMENTS:

HES Engineer: Alvaro Meza Ligarda

Co. Rep: Bret Stringham

Crew: RED B

Equipment running well

Xlink samples look good

Good job by Crew

3bbl overflush per Co Rep

Growler operator run tote dry of LoSurf and didn't change it in time